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GAINESVILLE, FLORIDA

Annual Catalog 1928-1929

Announcements for 1929-1930

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PART I—OFFICERS

BOARD OF CONTROL

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JAS. M. FARR, PH.D.....*Vice President of the University*
JAS. N. ANDERSON, PH.D.....*Dean of the College of Arts and Sciences*
WILMON NEWELL, D.SC.....*Dean of the College of Agriculture*
J. R. BENTON, PH.D.....*Dean of the College of Engineering and Architecture*
HARRY R. TRUSLER, LL.B.....*Dean of the College of Law*
JAS. W. NORMAN, PH.D.....*Dean of the Teachers College*
TOWNES R. LEIGH, PH.D.....*Dean of the College of Pharmacy*
WALTER J. MATHERLY, M.A.....*Dean of the College of Commerce and Journalism*
BERT CLAIR RILEY, B.A.....*Dean of the General Extension Division*
HARLEY WILLARD CHANDLER, M.S.....*Secretary, Registrar*
BENJAMIN ARTHUR TOLBERT, B.A.....*Dean of Men*

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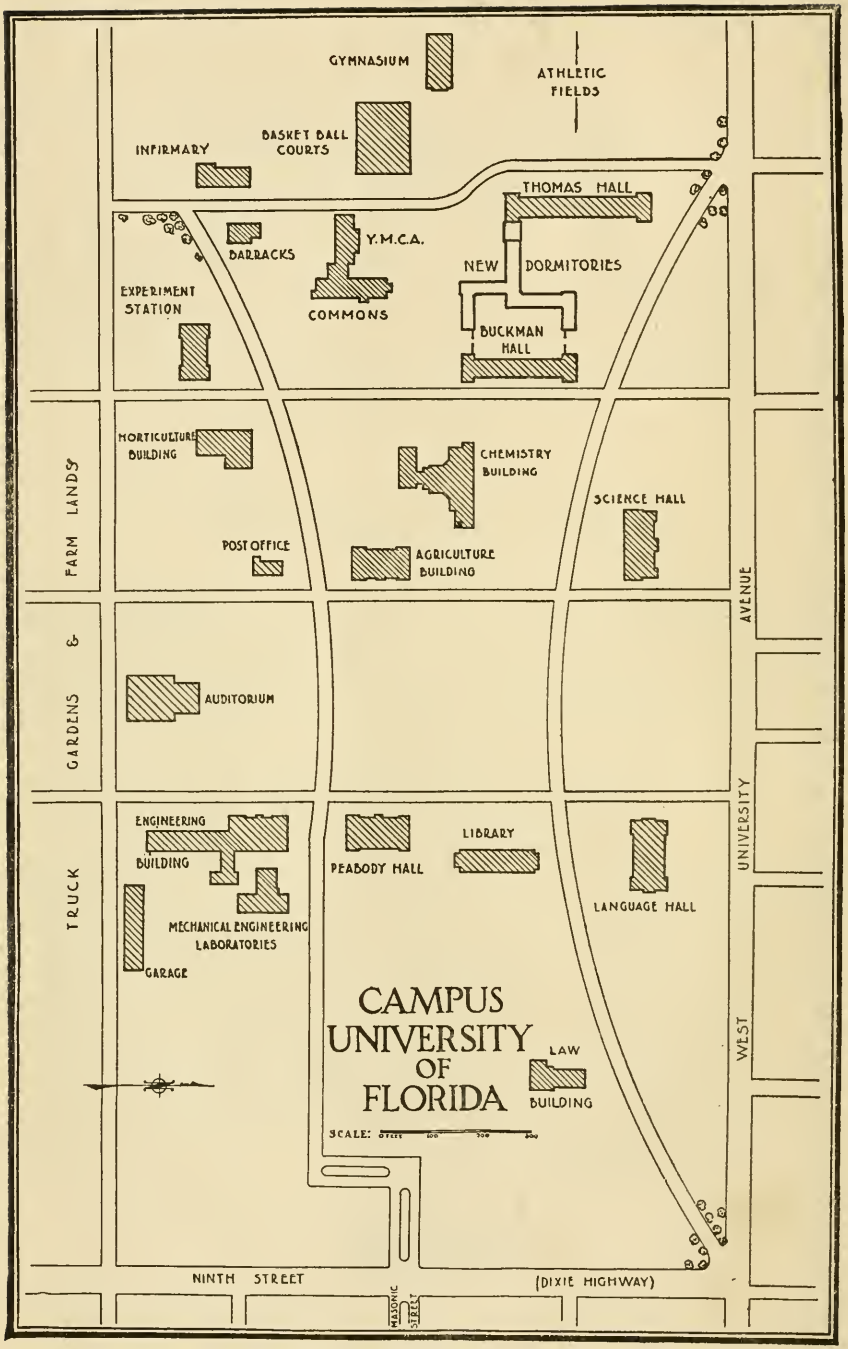
GYMNASIUM
ATHLETIC FIELDS
INFIRMARY
BASKET BALL COURTS
THOMAS HALL
BARRACKS
Y.M.C.A.
NEW DORMITORIES
EXPERIMENT STATION
COMMONS
BUCKMAN HALL
HORTICULTURE BUILDING
CHEMISTRY BUILDING
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POST OFFICE
AGRICULTURE BUILDING
AUDITORIUM
ENGINEERING BUILDING
PEABODY HALL
LIBRARY
LANGUAGE HALL
MECHANICAL ENGINEERING LABORATORIES
GARAGE
CAMPUS UNIVERSITY OF FLORIDA
LAW BUILDING
SCALE:
FARM LANDS
GARDENS &
TRUCK
UNIVERSITY AVENUE
WEST
NINTH STREET
(DIXIE HIGHWAY)
MASONIC STREET

FRESHMAN WEEK

(September 16 to 20, 1929)

Freshmen entering the University for the first time are required to report at the University Auditorium, Monday, September 16, at 11:00 A.M. Those appearing at any later time will be subject to the penalty for late registration.

During this week the Freshman will hear lectures on important University customs and regulations, will meet members of the faculty and will become acquainted with the University campus and buildings. He will also take a number of tests for the purpose of enabling the University to advise him relative to his work. In short, the purpose of the week is to prepare each student as far as possible, for the work that is expected of him and to start him right at the beginning of his University life.

ALL HIGH SCHOOL ENTRANCE UNITS SHOULD BE PRESENTED TO THE REGISTRAR OF THE UNIVERSITY BY SEPTEMBER 1, 1929. BE SURE TO BRING THE ADMISSION SLIP FURNISHED YOU BY THE REGISTRAR WITH YOU ON SEPTEMBER 16.

THE UNIVERSITY CALENDAR

1929-1930

1929

June 10, *Monday*.....Summer Session begins.

June 22, *Saturday*.....Last day for filing application for degrees at the end of the Summer Session.

July 4, *Thursday*.....Independence Day.

July 8, *Monday*.....Last day to make Graduate applications.

July 17, *Wednesday*.....Last day for submitting theses to the Graduate Committee.

July 31, *Wednesday, 8:00 p. m.*.....Summer Session Commencement Convocation.

August 2, *Friday, 5:00 p. m.*.....Summer Session ends.

August 12, *Monday*.....Farmers' Week begins.

August 31, *Saturday*.....Last day for filing applications for fall re-examinations.

First Semester

September 12-14, *Thursday to Saturday*....Re-examinations and Entrance Examinations.

September 16-20, *Monday thru Friday*.....Freshman registration and Orientation, including engineering qualifying examination and other tests. (A special program of the routine of this week will be available by June 1, 1929.) All Freshmen must be present at the University Auditorium at 11:00 o'clock a. m., Monday, September 16, or they will not be registered during that week, and will be required to pay the fees for late registration.

September 19-20, *Thursday and Friday*.....Registration of Upperclassmen.

September 21, *Saturday*.....All classes will meet for the assignment of work for classes on Monday and Tuesday of the succeeding week. Late registration fee for all students.

September 30, *Monday*.....Changes in courses—fee $5.00.

Annual meeting of Extension Agents.

October 5, *Saturday*.....Meeting of the General Faculty.

October 16, *Wednesday, 8:00 a. m.*.....Registration for classes in the first semester closes. Final date for making applications for degrees at the end of the first semester.

October 19, *Saturday*.....Last day for dropping courses without grade.

October 24, *Thursday*.....All Freshman grades are due.

November 1, *Friday*.....Last day for Graduate applications.

November 11, *Monday*.....Armistice Day.

November 21, *Thursday*.....Midsemester grades are due.

November 24, *Saturday, 12:00 noon*.....Midsemester grades are delinquent.

November 28, *Thursday*.....Thanksgiving Day.
December 18, *Wednesday*.....Freshman grades are due.
December 20, *Friday, 5:00 p. m.*.....Christmas recess begins.

1930

January 6, *Monday, 8:00 a. m.*.....Christmas recess ends.
January 6, *Monday and continuing for three weeks*.....Students file registration cards for the second semester with the Registrar, following the schedule as posted on the bulletin boards.
January 18, *Saturday*.....Last date for submitting theses to Graduate Committee.
January 24, *Friday, 9 a. m.*.....Final examinations for the first semester begin.
January 31-February 1, *Friday and Saturday*.....Registration of new students for the second semester.
All semester grades are due 5:00 p. m., Saturday.
February 1, *Saturday, 8:00 p. m.*.....Commencement convocation.

SECOND SEMESTER

February 3, *Monday*.....Second semester begins.
Changes in registration due to first semester failures. Late registration fee begins.
February 4, *Tuesday*.....Second semester classes begin. Change in courses—fee $5.00.
February 8, *Saturday*.....Meeting of the General Faculty.
February 15, *Saturday*.....Registration for second semester closes.
March 1, *Saturday*.....Last date for applications for degrees at the end of the second semester.
Last date for filing Graduate applications for those entering the second semester.
March 8, *Saturday*.....Last day for dropping a course without grade.
April 3, *Thursday*.....Midsemester grades are due.
April 5, *Saturday, 12:00 noon*.....Midsemester grades are delinquent.
May 20, *Tuesday*.....Last day for submitting theses to Graduate Committee.
May 23, *Friday*.....Final examinations begin.
May 31, *Saturday*.....Meeting of the General Faculty.
June 1-3, *Sunday to Tuesday*.....Commencement exercises.
June 1, *Sunday, 11:00 a. m.*.....Baccalaureate Sermon.
June 2, *Monday*.....Annual Alumni Meeting.
Class Day Exercises.
Oratorical Contests.
June 3, *Tuesday*.....Commencement Convocation.
June 2, *Monday*.....Boys' Club Week begins.
June 16, *Monday*.....Summer Session begins.
August 8, *Friday*.....Summer Session ends.

OFFICERS OF ADMINISTRATION

UNIVERSITY

JOHN JAMES TIGERT, M.A. (Oxon.), ED.D., D.C.L., LL.D.....*President*
JAMES MARION FARR, M.A., PH.D.....*Vice-President*
CHARLES LANGLEY CROW, M.A., PH.D.....*Secretary of the General Faculty*
KLEIN HARRISON GRAHAM.....*Business Manager*
HARLEY WILLARD CHANDLER, M.S.....*Registrar*
CORA MILTIMORE, B.S.....*Librarian*
BENJAMIN ARTHUR TOLBERT, B.A.....*Dean of Men*

COLLEGES

JAMES NESBITT ANDERSON, M.A., PH.D.....*Dean of the College of Arts and Sciences*
WILLIAM HAROLD WILSON, M.A., PH.D.....*Assistant Dean of the College of Arts and Sciences*
WILMON NEWELL, M.S., D.SC.....*Dean of the College of Agriculture, Director of the Experiment Station and the Agricultural Extension Division.*
WILBUR LEONIDAS FLOYD, M.S.....*Assistant Dean of the College of Agriculture*
JOHN ROBERT BENTON, B.A., PH.D.....*Dean of the College of Engineering and Architecture*
HARRY RAYMOND TRUSLER, M.A., LL.B.....*Dean of the College of Law*
JAMES WILLIAM NORMAN, M.A., PH.D.....*Dean of the Teachers College and Director of the Summer Session*
TOWNES RANDOLPH LEIGH, M.A., PH.D.....*Dean of the College of Pharmacy*
WALTER JEFFRIES MATHERLY, M. A.....*Dean of the College of Commerce and Journalism*
RUDOLPH WEAVER, B.S., A.I.A.....*Architect for Board of Control, Director of School of Architecture*

OTHER ADMINISTRATIVE UNITS

BERT CLAIR RILEY, B.A., B.S.A.....*Dean of the General Extension Division*
GEORGE C. TILLMAN, M.D.....*University Physician*
THOMPSON VAN HYNING.....*Director of Florida State Museum*

OFFICERS OF INSTRUCTION AND RESEARCH

JOHN JAMES TIGERT, M.A. (Oxon.), ED.D., D.C.L., LL.D., *President*

CHARLES ELLIOTT ABBOTT, M.S.....Agriculture Building
Assistant Professor of Horticulture

OUIDA DAVIS ABBOTT, M.A., PH.D. (Missouri).....Expt. Station Building
Chief, Home Economics Research, Experiment Station

CHESTER FREDERICK AHMANN, B.A., PH.D. (Missouri).....Expt. Station Building
Physiologist, Home Economics Research, Experiment Station

ROBERT VERRILL ALLISON, M.S., PH.D. (Rutgers).....Belle Glade, Florida
Soils Specialist, Everglades Experiment Station

CLYDE C. ALEXANDER, Capt., Field Artillery, U. S. Army.....Engineering Bldg.
Assistant Professor of Military Science and Tactics

BURTON WEBER AMES, B.S.A. .....Language Hall
Head of Correspondence Study, General Extension Division

JAMES NESBITT ANDERSON, M.A., PH.D. (Johns Hopkins).....Language Hall
Dean of College of Arts and Sciences, Professor of Ancient Languages

MONTGOMERY DRUMMOND ANDERSON, B.S., PH.D. (Robert Brookings)....Language Hall
Professor of Business Statistics and Economics

ERNEST GEORGE ATKIN, M.A., PH.D. (Harvard).....Language Hall
Professor of French

ROLLIN SALISBURY ATWOOD, M.A., PH.D. (Clark).....Language Hall
Assistant Professor of Economic Geography

CHARLES W. BACHMAN, LL.B.....Basket Ball Court
Director of Physical Education and Athletics

ERNEST T. BARCO, Capt., Field Artillery, U. S. Army.....Engineering Bldg.
Assistant Professor of Military Science and Tactics

GEORGE ERIC BARNES, B.S.C.E.....Engineering Building
Associate Professor of Civil Engineering

ROBERT MARLIN BARNETTE, B.S., PH.D. (Rutgers).....Expt. Station Building
Associate Chemist, Experiment Station

ROBERT COLDER BEATY, M.A. .....Y. M. C. A. Building
Associate Professor of Religious Education

FRANK F. BECKER, Capt., Infantry, U. S. Army.....Engineering Bldg.
Assistant Professor of Military Science and Tactics

RAYMOND BROWN BECKER, M.S., PH.D. (Minnesota).....Expt. Station Building
Associate in Dairy Husbandry, Experiment Station

FRANCIS JOSEPH BEDENK, B.A. ..... Basket Ball Court
Associate Professor of Physical Education

WALTER HERMAN BEISLER, M.S., D.Sc. (Princeton) ..... 101 Chemistry Building
Professor of Chemical Engineering

CHARLES EDWARD BELL, M.S. ..... Expt. Station Building
Assistant Chemist, Experiment Station

CHARLES HOMER BELL, Staff Sergeant, Infantry, U. S. Army.... 204 Engineering Bldg.
Instructor in Military Science and Tactics

GILMER M. BELL, Capt., Infantry, U. S. Army ..... Engineering Building
Assistant Professor of Military Science and Tactics

CLAUDIUS EDMUND BENNETT, M.S.E.E. (Illinois) ..... Mechanical Engineering Bldg.
Instructor in Electrical Engineering

JOHN ROBERT BENTON, B.A., PH.D. (Göttingen) ..... Engineering Building
Dean of the College of Engineering and Architecture,
Professor of Physics

ALVIN PERCY BLACK, B.A. ..... 114 Chemistry Building
Professor of Agricultural Chemistry

RAYMOND WILLIAM BLACKLOCK, B.A. ..... Horticulture Building
Boys' Club Agent, Agricultural Extension Division

GULIE HARGROVE BLACKMON, M.S.A. ..... Expt. Station Building
Pecan Culturist, Experiment Station

ARTHUR AARON BLESS, M.S., PH.D. (Cornell) ..... Mechanical Engr. Building
Assistant Professor of Physics

JAMES ROBERT BOYD, JR. ..... Basket Ball Court
Assistant Director of Physical Education

JOSEPH C. BRANDKAMP, Sergeant, Field Artillery, U. S. Army.... Engineering Building
Instructor in Military Science and Tactics

HOMER EELLS BRATLEY, M.S.A. ..... Expt. Station Building
Assistant in Entomology, Experiment Station

LUCIUS MOODY BRISTOL, M.A., PH.D. (Harvard) ..... Peabody Hall
Professor of Sociology

MARVIN ADEL BROOKER, M.S.A. ..... Expt. Station Building
Assistant in Agricultural Economics, Experiment Station

ALBERT NELSON BROOKS, B.A., PH.D. (Wisconsin) ..... Plant City, Florida
Associate Plant Pathologist, Experiment Station

CHARLES CARROLL BROWN, C.E., M.A. ..... Engineering Building
Assistant Professor of Civil Engineering

HAMLIN L. BROWN, B.S.A. ..... Horticulture Building
Extension Dairyman, Agricultural Extension Division

RICHARD DEWITT BROWN ..... Auditorium
Director of Music

ALVIN LOWELL BROWNE, B.A. ..... Basket Ball Court
Associate Professor of Physical Education

FRANK WARNER BRUMLEY, M.S.A. ..... Horticulture Building
Instructor in Farm Management

JOSEPH BRUNET, PH.D. (Stanford) ..... 301 Language Hall
Assistant Professor of French

OLLIE CLIFTON BRYAN, M.S., PH.D. (Wisconsin) ..... Agriculture Building
Professor of Agronomy

LUDWIG WILLIAM BUCHHOLZ, M.A. ..... 50 Thomas Hall
Professor of Bible

E. WALTER BURKHARDT, B.S., M. Arch. ..... Peabody Hall
Instructor in Architecture

ALAN BEVERLY BURRITT, B.A., M.L.A. ..... Agriculture Building
Associate Professor of Horticulture

CHARLES FRANCIS BYERS, M.A. ..... Science Hall
Assistant Professor of Biology

HENRY HOLLAND CALDWELL, M.A. ..... Language Hall
Assistant Professor of English

ARTHUR FORREST CAMP, B.A., PH.D. (Washington Univ.) ..... Expt. Station Building
Horticulturist, Experiment Station

WILLIAM GRAVES CARLETON, B.A. ..... Peabody Hall
Instructor in Sociology

WILLIAM RICHARD CARROLL, M.S. ..... Science Hall
Assistant Professor of Botany and Bacteriology

WILLIAM ANGUS CARVER, M.S., PH.D. (Iowa State Col.) ..... Expt. Station Building
Assistant Cotton Specialist, Experiment Station

BERNARD V. CHRISTENSEN, M.S. PHARM., PH.D. (Wisconsin) ..... 314 Chemistry Building
Professor of Pharmacognosy and Pharmacology

HARLEY WILLARD CHANDLER, M.S. ..... 105 Language Hall
Registrar

HAROLD GRAY CLAYTON, M.S.A. ..... Horticulture Building
District Agent, Agricultural Extension Division

ROBERT SPRATT COCKRELL, M.A., LL.B. (Virginia) ..... 104 Law Building
Professor of Law

MADISON DERRELL CODY, M.A. ..... Science Hall
Professor of Botany and Bacteriology

JOHN MELTON COLEMAN, B.S. ..... Expt. Station Building
Assistant Chemist, Experiment Station

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Editor, Experiment Station and Agricultural Extension Division

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Associate Professor of Physical Education

ALLEN THORNTON CRAIG, M.A. ..... Peabody Hall
Instructor in Mathematics

CLIFFORD WALDORF CRANDALL, B.S., LL.B. (Michigan) ..... 205 Law Building
Professor of Law

IDA KEELING CRESAP ..... Horticulture Building
Librarian, Experiment Station

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Professor of German and Spanish

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Field Assistant in Plant Physiology, Experiment Station

CHARLES RALPH DAWSON, B.S.A. ..... Expt. Station Building
Assistant in Dairy Investigation, Experiment Station

JOHN WILLIAM DEBRUYN, M.A. ..... Auditorium
Instructor in Music

EZRA FRANKLIN DEBUSK, B.S. ..... Horticulture Building
Extension Citrus Entomologist-Pathologist, Agricultural Extension Division

RALPH DAVIS DICKEY, B.S.A. ..... Agriculture Building
Acting Professor of Entomology and Plant Pathology

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Associate Professor of Economics and Insurance

AUTHER H. EDDINS, PH.D. (Iowa State College) ..... Expt. Station Building
Assistant Plant Pathologist, Experiment Station

JOHN GRADY ELDRIDGE, M.A. ..... Language Hall
Assistant Professor of Economics

ELMER JACOB EMIG, M.A. ..... Language Hall
Professor of Journalism

CHARLES RANGER ENLOW, M.S.A., ... Expt. Station Building
Assistant Agronomist, Experiment Station (Cooperation with U.S.D.A.)

MARTIN RUSSELL ENSIGN, M.S. ..... Expt. Station Building
Assistant Horticulturist, Experiment Station

HASSE OCTAVIUS ENWALL, S.T.B., PH.D. (Boston) ..... 108 Peabody Hall
Professor of Psychology and Philosophy

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Associate Professor of English

SAMUEL TODD FLEMING, B.A. ..... Horticulture Building
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PERRY ALBERT FOOTE, M.S. (Pharm.) PH.D. (Wisconsin) ..... Chemistry Building
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Instructor in Architecture

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State Home Demonstration Agent

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Professor of Entomology and Plant Pathology
Absent on leave 1929-30

LEVI OTTO GRATZ, B.A., PH.D. (Cornell) ..... Hastings, Florida
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HENRY GLENN HAMILTON, PH.D. (Cornell) ..... Horticulture Building
Associate Professor of Marketing Agricultural Products

FRED T. HANNAFORD, B.A. ..... Peabody Hall
Instructor in Architecture

LYMAN GEORGE HASKELL, M.D. ..... Gymnasium
Associate Professor of Gymnastics

WILLIAM BYRON HATHAWAY, M.A. ..... Peabody Hall
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OLIVER HOWARD HAUPTMANN, M.A. ..... Language Hall
Instructor in Spanish
Absent on leave 1928-29

STACY HAWKINS, B.A. ..... Homestead, Florida
Field Assistant in Plant Pathology, Experiment Station

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Professor of Chemistry

JOHN F. HEPNER, Capt., Infantry, U. S. Army ..... Engineering Building
Assistant Professor of Military Science and Tactics

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Assistant Chemist, Experiment Station

ALFRED NASH HIGGINS, B.A. ..... Basket Ball Court
Associate Professor of Physical Education

ELMER DUMOND HINKLEY, B.A. ..... 110 Peabody Hall
Assistant Professor of Psychology

THEODORE HUNTINGTON HUBBELL, B.A. ..... Science Hall
Associate Professor of Biology

FRED HAROLD HULL, M.S. ..... Expt. Station Building
Assistant Agronomist, Experiment Station

DALLAS BURNETT HUNDLEY, Staff Sergeant, Infantry, U. S. Army ..... 204 Eng. Building
Instructor in Military Science and Tactics

HUBER CHRISTIAN HURST, B.A., LL.B.....Language Hall
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Professor of Pharmacy

ROBERT WILLIAM HUSTON, M.A.....302 Language Hall
Instructor in French

EDWARD THORNTON INGLE, B.A.....Language Hall
Assistant Professor of Journalism

VESTUS TWIGGS JACKSON, M.S., PH.D. (Chicago).....210 Chemistry Building
Associate Professor of Chemistry

HAMPTON MCNEELY JARRELL, M.A.....Language Hall
Instructor in English

ELI JOHNOFSKI JOHNS, PH.D. (Havana).....Language Hall
Instructor in Spanish

JOHN EVANDER JOHNSON, B.D., M.A.....Y. M. C. A. Building
General Secretary, Y.M.C.A., Instructor in Bible

JOHN HENRY JEFFERIES.....Lake Alfred, Florida
Superintendent, Citrus Experiment Station

HENRY NORTON JUNE, B.S. Arch., A.I.A.....Peabody Hall
Instructor in Architecture

LLOYD AUGUST KASTEN, M.A.....Language Hall
Instructor in Spanish
On leave 1928-29

DAVID G. A. KELBERT.....Bradenton, Florida
Field Assistant in Plant Pathology, Experiment Station

MARY ELLEN KEOWN, M.S.....Tallahassee, Florida
District Agent, Home Demonstration Work

WILLIAM DELANCEY KLINEPETER, Sergeant, U. S. Army.....204 Engineering Building
Chief Clerk and Instructor in Military Science and Tactics

FRANKLIN WESLEY KOKOMOOR, M.A., PH.D. (Michigan).....Mech. Engr. Building
Assistant Professor of Mathematics

WILLIAM ABRAHAM KUNTZ, M.S.....Lake Alfred, Florida
Assistant Plant Pathologist, Experiment Station

JOSEPH HARRISON KUSNER, B.A.....Peabody Hall
Instructor in Mathematics

JAMES MILLER LEAKE, B.A., PH.D. (Johns Hopkins).....107 Language Hall
Professor of Americanism and Southern History,
Professor of History and Political Science

TOWNES RANDOPH LEIGH, M.A., PH.D. (Chicago) ..... 200 Chemistry Building
Dean of the College of Pharmacy, Professor of Chemistry

AARON WHITNEY LELAND ..... Agriculture Building
Farm Foreman, College of Agriculture

WALTER ANTHONY LEUKEL, B.S.A., PH.D. (Wisconsin) ..... Expt. Station Building
Associate Agronomist, Experiment Station

JOHN PEYTON LITTLE, JR., B.S.E.E., M.S. ..... Engineering Building
Instructor in Physics
Absent on leave 1928-29

WILBERT ALVA LITTLE, M.A. ..... Peabody Hall
Associate Professor of Languages and Mathematics

WALTER K. LONG, B.F.A. ..... Peabody Hall
Instructor in Architecture and Drawing

EARLL LESLIE LORD, B.A. ..... Agriculture Building
Professor of Horticulture

KENNETH WILFRED LOUCKS, B.S. ..... Expt. Station Building
Assistant in Plant Pathology, Experiment Station

THOMAS MARVEL LOWE, B.S.C.E. ..... Engineering Building
Instructor in Civil Engineering

RUBY MCDAVID ..... Tallahassee, Florida
District Agent, Home Demonstration Work

BRUCE MCKINLEY, B.S.A. ..... Expt. Station Building
Assistant Agricultural Economist, Experiment Station

NICHOLAS A. MAGARO, B.A. ..... Language Hall
Instructor in Spanish

HOUSDEN LANE MARSHALL, M.S. ..... Expt. Station Building
Assistant Chemist, Experiment Station

FREEMAN GOODE MARTIN, M.S. ..... Agriculture Building
Instructor in Animal Husbandry and Dairying

WALTER JEFFERIES MATHERLY, M.A. ..... Language Hall
Dean of College of Commerce and Journalism, Professor of Economics

NORMAN RIPLEY MEHRHOF, B.S., M.AGR. ..... Horticulture Building
Extension Poultryman, Agricultural Extension Division

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Assistant Professor of Mathematics

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1929-1930

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ATHLETICS

Reed, Bachman, Graham, Matherly, Norman, F. Rogers.

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Crandall, Enwall, Price, Walker.

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PART II

GENERAL INFORMATION

HISTORICAL STATEMENT

Florida has always shown a deep interest in higher education, having formulated many plans and established a number of institutions. As early as 1824 the foundation of a university was discussed by the Legislative Council. In 1836 trustees were named for a proposed university, but apparently nothing was accomplished. *(Memoirs of Florida,* 1,168.)

Upon its admission to the Union in 1845, the State was granted by the General Government nearly 100,000 acres of land, the proceeds from which were to be used to establish two seminaries, one east and one west of the Suwannee River. This led to the foundation of the East Florida Seminary at Ocala in 1852, and the West Florida Seminary at Tallahassee in 1856. The East Florida Seminary was moved to Gainesville in 1866.

The State Constitution of 1868 contained provisions for establishing and maintaining a university *(Art. VIII, Sec. 2)*, and the next year the Legislature passed "An Act to Establish a Uniform System of Common Schools and a University". Other attempts to establish a university were made in 1883 by the State Board of Education and in 1885 by the Legislature. The State Constitution of 1885 also expressly permitted special legislation with regard to a university.

Meanwhile, in 1870, the Legislature passed "An Act to Establish the Florida Agricultural College." As this did not fully meet the terms of the "Land-Grant College" Act of Congress of 1862, the Legislature passed a supplementary Act in 1872 and the State then received from the General Government 90,000 acres of land in support of the proposed college. A site was selected in 1873, in 1875, and again in 1883—the third being at Lake City, and in the fall of 1884 the work of instruction was begun.

In 1887 the Florida Agricultural Experiment Station was established as a department of the College, under the terms of the Hatch Act of Congress. The name of the College was changed by Legislative Act of 1903 to the University of Florida.

During these years, in addition to the two Seminaries and the University, there had come into existence three other State institutions of higher education, the State Normal School at De Funiak Springs, the South Florida Military College at Bartow, and the Agricultural Institute in Osceola County.

Inasmuch as these six institutions failed to make satisfactory differentiation among themselves and to separate their work sufficiently from that of the high schools of the State, and as the cost of maintaining all seemed disproportionate to the results obtained, the Legislature of 1905 passed the "Buckman Act," the effect of which was to merge the six schools into two, the "Florida Female College" and the "University of the State of Florida." In 1909, the Legislature changed the names to the "Florida State College for Women," and the "University of Florida".

Upon the election of Dr. A. A. Murphree as President in 1909, the University was organized under the present system of colleges. The College of Law was organized in 1909, and the departments offering instruction mainly to normal students became the Teachers College in 1912. The Summer School was established by the Legislature in 1913, and the Farmers Institute work merged into the Cooperative Demonstration Work of the U. S. Department of Agriculture. In 1915 all the agricultural activities of the University were placed under the direction of the Dean of the College of Agriculture.

When the United States entered the World War in 1918, all equipment of the University was placed at the disposal of the Government. The College of Engineering operated as a vocational training school, and all other divisions of the institution assisted with the work of the Student Army Training Corps until the close of the war. For five years following the war, the University made a very creditable record in training and rehabilitation of disabled war veterans.

The General Extension Division was established by the Legislature in 1919. The School of Pharmacy was opened in 1923, and became the College of Pharmacy in 1925. The same year a School of Architecture was added in the College of Engineering. In 1925 a School of Business Administration and Journalism was opened in the College of Arts and Sciences, and in 1927 was changed into a separate College of Commerce and Journalism.

LOCATION

On the 6th day of July, 1905, acting under powers conferred by the Buckman Act, the State Board of Education and the Board of Control, in joint session, selected Gainesville as the location of the University. During the scholastic year of 1905-06, it was found necessary to continue the work of the University at Lake City. Since the summer of 1906 the institution has occupied its present location.

The advantages of Gainesville as the seat of the University are numerous. It is centrally located and easy of access; it has an exceptionally

pure water supply, and a good sewer system; its streets are well lighted, shaded and paved. The citizens are energetic, progressive, and hospitable. The moral atmosphere is wholesome, and the leading religious denominations have attractive places of worship.

EQUIPMENT

GROUNDS AND BUILDINGS

The University occupies a tract of nine hundred and fifty-three acres situated in the western part of Gainesville. Ninety acres of this tract are devoted to campus, drill grounds, and athletic fields; the remainder is used by the College of Agriculture and Agricultural Experiment Station.

The University is one of the few institutions in the United States that made plans for all future development of the campus, as far as this could be foreseen, before laying the foundation of a single building.

The liberality of the State has permitted the erection of substantial and attractive modern buildings as they were needed. The present buildings on the campus are:

The two Dormitories, Thomas Hall, 60 by 300, and Buckman Hall, 60 by 240, three stories high, built of brick and concrete, in fireproof sections. Each section contains twelve suites of dormitory rooms, with ample bath and toilet facilities on every floor.

Science Hall, 66 by 135, two stories and basement, built of brick and concrete, contains the classrooms and laboratories of the departments of Biology, Geology, Botany and Bacteriology, with the Florida State Museum on the second floor.

The Agricultural Experiment Station Building, 60 by 120, three stories and basement, built of brick and concrete, contains the offices and laboratories of the Station, devoted entirely to research work in agriculture.

The Engineering Building, 73 by 122, built of brick and tile, three stories high, provides offices and class facilities for the departments of Civil and Electrical Engineering, Physics and Military Science. A one-story wing on the south, 40 by 163, is used for wood-shop, blacksmith-shop, and foundry work.

The Agriculture Building, a brick and concrete structure 65 by 115, three stories high, provides offices, classrooms and laboratories for several instruction departments of the College, including Agronomy, Agricultural Engineering, Animal Husbandry and Dairying, Horticulture, Landscape Design, Entomology and Plant Pathology.

Language Hall, 66 by 135, three stories high, built of brick and stone, is headquarters for the College of Arts and Sciences, the College of Commerce and Journalism, and the General Extension Division. It provides offices and class rooms for the departments of Languages, Economics, History and Political Science, Business Administration, and Journalism. The offices of the President, Business Manager and Registrar are at present located on the first floor. In the basement are the bookstore, postoffice, telephone exchange, student-body offices, and press for campus publications.

George Peabody Hall, the Teachers College building, 72 by 135, three stories high, brick and concrete, was erected by a gift of $40,000 from the Peabody Board of Trust. It provides for the departments of Education and Philosophy, Sociology, Mathematics, and for Teacher-Training work. The School of Architecture occupies the third floor at present, and the Architect for the Board of Control has offices on the second floor.

The Law Building, 70 by 120, a brick and stone structure two stories high, contains offices and lecture rooms, a model courtroom, library, reading and consultation rooms, and quarters for the Marshall Debating Society.

The University Commons, a brick building of one story and basement, 42 by 114, with a wing 27 by 50, contains a large dining hall and kitchen. A wooden annex, 60 by 120, is now used as Y. M. C. A. headquarters.

The Gymnasium is a brick and stone building two stories high, 53 by 106. The main practice floor is well lighted, and supplied with complete gymnasium apparatus. The basement contains locker rooms and showers.

The Library Building, brick and tile, 46 by 168, with three stories in two, contains a large reading room, a reference room with temporary stacks, and necessary offices.

The Administration Building when completed will be the most commanding structure on the campus, the estimated cost being $800,000. The first unit erected comprises the Auditorium, brick and concrete, 100 by 150, costing $200,000, with seating capacity of 2,200 people. It contains the splendid Anderson Memorial Organ, and useful stage arrangements for large assemblies.

The Mechanical Engineering Building, brick and concrete, three stories high, the portion completed being 42 by 118 with a wing 32 by 50, provides offices, class rooms and laboratories for the departments of Mechanical Engineering, Drawing and Mechanic Arts.

The Chemistry Building, a brick and concrete structure three stories high, is valued at about $350,000 with equipment. The complete plans contemplate a building of hollow square formation, 145 by 205, with main stock room and large lecture hall in the center of the square. The first unit now in use contains all the offices, class rooms, and laboratories of the various departments of Chemistry, and the College of Pharmacy.

The Horticulture Building, of brick and concrete, 52 by 110 with a wing 26 by 52, three stories and attic, contains the offices of the Dean of the College of Agriculture, the Agricultural Extension Division, and the Florida State Plant Board. The departments of Agricultural Economics, Poultry Husbandry, and Veterinary Science are housed on the second floor. The Experiment Station Library and mailing rooms are included in the building.

The Basket Ball Court is a wood and steel structure, 110 by 146, with a playing floor 60 by 90, and bleacher seats and galleries for about 1,500 people. It contains offices for the Director and coaching staff, and dressing locker and shower rooms for teams.

A new dormitory building will be completed for the beginning of the first semester, of the 1929-30 term. This building is four stories high, with a brick and stone exterior and entirely fireproof interior construction. The building is divided into sections with four study rooms and four bedrooms per floor. Each section has a separate entrance and stairway. The total capacity will be 182 students. In general each two students have a study room and an adjoining bedroom, though there are a limited number of single rooms. Each room has built-in dressers and clothes closets and is equipped with a lavatory. The room charge in this new dormitory is higher than in the old dormitories.

The University Infirmary is a wooden building, erected for barracks during the war, which has been altered and improved until the equipment is fairly complete for student purposes. Facilities include a modern operating room, hospital wards, nurses quarters, laboratory, consultation room, dispensing room, etc. It is hoped that in the near future a permanent and fully equipped hospital building will be erected.

Other minor buildings include the Barracks, 40 by 60, used as a dormitory, University Station postoffice building, several residences for foremen of the farms and manager of the Commons, and a new central heating plant.

Value. The value of the property used for the work of the University is $3,500,000. The grounds and farms are valued at $900,000.

UNIVERSITY LIBRARY

The University Library contains about 60,000 volumes, arranged according to the Dewey Decimal classification. New books are purchased as rapidly as funds permit, and many gifts are received each year.

As a designated depository of the United States government, the Library receives annually several hundred titles. In addition much valuable material is received from the various state universities, colleges, and experiment stations.

The Library receives four hundred and twenty general and technical periodicals, the current numbers of which are to be found on the reading tables. The periodicals are bound as rapidly as the volumes are completed, and are particularly valuable for reference work. Through the courtesy of the editors a large number of the daily and weekly newspapers of Florida are sent to the Library for the use of the students.

The Library is glad to be of assistance to the teachers and high school students of the State. Under reasonable regulations books are lent upon request. When it is impossible to send the material desired, bibliographies with suggested sources of material are gladly furnished.

The Library now occupies the first unit of the Library Building. The main reading room on the second floor has a seating capacity of 340, and is equipped with electric fans and semi-indirect lighting system. The furniture is oak, in standard library equipment throughout.

FLORIDA STATE MUSEUM

By Act of the Legislature of 1917 the University was made the home of The Florida State Museum. The Act further provides for:

> A natural history and ethnological survey of the State; for scientific investigations looking towards the further development of its natural resources for the collecting of material of scientific, economic and civic value, whether pertaining to the mineral, vegetable, and animal kingdoms or to the aboriginal tribes and the early explorations and settlements; for a library; and for traveling exhibits to be kept in circulation among the schools of the State.

Adequate funds for carrying out all the provisions of this Act have not as yet been provided; but, largely through the generosity of some of our citizens, enough specimens and data are already in hand to permit the Director to announce that the museum is open from eight to five every day in the year.

The Museum contains at the present time about five hundred thousand specimens, one-half of which have been carefully catalogued. Among the eighteen hundred accessions are perhaps most worthy of mention an herbarium of four thousand and eight hundred sheets presented by Dr. Samuel C. Hood of Orlando; the R. D. Hoyt collection of more than eight

hundred birds and four hundred sets of bird eggs; the John J. Ryman collection of more than two hundred birds and eight hundred sets of bird eggs; a complete collection of the mollusca of Alabama, presented by the late Dr. Herbert H. Smith, curator of the Alabama Geological Survey Museum; the "Loring Memorial Collection," presented by General Loring's heirs, Mrs. William Loring Spencer and Mrs. M. C. Royston of St. Petersburg. This last collection is of great historical and artistic value, besides being intrinsically worth many thousands of dollars. The von Noszky collection, presented by Mrs. Rosa von Noszky, is now safely housed in the Museum; the Colonel and Mrs. E. S. Walker collection of Gainesville has recently been increased to thousands of specimens of ethnological material and books; the Mr. and Mrs. John Y. Detwiler collection of New Smyrna, consisting of art and historical specimens; and the F. E. Aspinwall collection of Miami, containing thousands of specimens of coins, art and history material and books.

Other valuable contributions, it is believed, can be announced soon. Even now much material of historic and artistic interest is under consideration for the Museum, and other negotiations are under way for securing large exhibits.

In addition to the above, the Museum has a fair collection of the mollusca of Florida, containing more than eighteen thousand specimens; about nine thousand Florida fossils; more than five hundred Florida reptiles; more than ten thousand specimens of stone implements and pottery of the aborigines of Florida; besides thousands of specimens of historic articles, minerals, etc. The library of the Museum numbers about five thousand volumes and pamphlets.

Unfortunately, owing to the lack of rooms and cases, only a small part of this material is now on exhibition.

LABORATORIES

For the Laboratories and other equipment of the College of Agriculture, see that College.

1. The Biological Laboratories are located in Science Hall. They are equipped with individual microscopes and other essential apparatus for each student in all the courses offered. In addition there is considerable equipment of special apparatus for use of the instructional staff and advanced students.

2. The Biological Station on Newnan's Lake, six miles east of the campus, is available for field work on the animals and plants of the region. The area about the station provides virgin or nearly virgin con-

ditions of land and fresh-water life. Equipment for class and research work is provided.

3. The Botanical and Bacteriological Laboratories are located in Science Hall. They are well equipped for undergraduate and to some degree for research work. Projects can be carried on at the Green House and at the Biological Station on Newnan's Lake on the plants of this region.

4. The Chemical Laboratories are equipped with the chemicals and apparatus required for instruction in general, inorganic, organic, analytical, physical and agricultural chemistry, and chemical engineering. They are well supplied with the equipment necessary for graduate and research work in pure chemistry, agricultural chemistry, and chemical engineering.

5. The Psychological Laboratory, on the first floor of Peabody Hall, is well equipped for class demonstrations and for carrying on experimental and research work. In addition to the apparatus for the regular experimental work, the laboratory is equipped for carrying on mental and physical tests in connection with the work in educational psychology offered by the Teachers College.

6. The Physical Laboratories are equipped with apparatus for meeting the needs of undergraduate work in physics as usually given in American colleges. In addition to rooms on the second floor, the entire third floor of the Engineering Building is devoted to this department, including a main laboratory, an electrical laboratory, an optical room, workshop and apparatus room, and several offices and store-rooms.

It is prepared to conduct tests for residents of Florida at nominal charges.

7. The Dynamo Laboratory is located on the ground floor of the Engineering Building, and provides a floor area of 30 feet by 90 feet, including rooms accessory to the main laboratory. It is equipped with electrical machinery suitable for the undergraduate work in electrical engineering which is customary in American engineering colleges. This laboratory has benefited by the generosity of a number of manufacturers of electrical appliances, who have kindly given or loaned much valuable equipment.

The laboratory is equipped with special apparatus for the calibration of electrical measuring instruments, and is prepared to conduct tests for residents of this State at nominal charges.

8. The Testing Laboratory has one 50,000-pound Riehle machine and one 400,000-pound Riehle machine for testing the tensile, compres-

sive, and transverse strength of materials; cement-testing machines with the necessary accessories; and apparatus for making special tests on materials used in the various kinds of road and building construction.

9. The Hydraulic Laboratory is equipped with apparatus for use in connection with the undergraduate courses in Hydraulics.

10. The Surveying Instrument Room contains compasses; levels; transits, of which three are equipped with attachments for solar and star observations; plane tables; sextant; barometers; and the necessary minor instruments. Blueprinting apparatus also is included.

11. The Sanitary Laboratory is equipped for engineering research on water and sewage.

12. The Department of Drawing has two Drafting Rooms, equipped with substantial oak desks and possessing the necessary minor equipment to accommodate forty-eight students at a time.

13. Shops. The Wood Shop is equipped with full sets of hand tools, benches and lockers for work and tools. The wood working machinery includes a surfacer, jointer, universal saw table, band-saw, mortiser, borer, disk sander, four lathes and a universal grinder.

The Machine Shop is equipped with the most generally used standard machine tools.

The Forge Shop is equipped with twenty-four down-draft forges, with anvil and a set of hand tools for each forge, six bench-vises, a trip hammer, punch and shear, drill-press, emery wheel stand, and individual lockers for work.

The Foundry is equipped for making moulds and melting and pouring metal for castings.

14. The Mechanical Engineering Laboratories occupy the ground floor of the Mechanical Engineering Building. The steam and internal combustion power plants and the ice and refrigeration plants occupy a space 38 x 96 feet, served by electric power circuits and an overhead traveling crane.

The materials laboratory occupies a room 18 x 21 feet in the west wing of the building. This room contains a large metallurgical microscope and other fine instruments for examining and testing the physical properties of engineering materials.

ATHLETICS

The equipment for athletics has been greatly increased and improved in the past few years, now including Fleming Field, with two excellently turfed football gridirons, a baseball diamond, grandstand and steel bleachers seating 8,000 persons. Murphree Field is located near the

Gymnasium, with an excellent cinder track, and facilities for many outdoor sports. The new Basketball Court has a maximum playing floor and accommodates 2,000 spectators. Two new clay tennis courts were constructed this year, in addition to six fine concrete courts. The golf links of the Gainesville Country Club are but a mile distant from the campus.

RECENT GIFTS

Many of the State educational institutions of the South—among them those of Florida—have, in recent years, received substantial gifts. The University feels confident that its friends will continue to help in its upbuilding. All gifts, of whatever nature or value, will be gratefully acknowledged, and used to the greatest possible advantage.

The University will be glad to consult with prospective donors at any time, on methods of gifts or endowment, through trust funds, wills, or insurance.

THE ANDREW ANDERSON MEMORIAL ORGAN—The most useful gift in recent years is that of the late Dr. Andrew Anderson of St. Augustine, who generously gave $50,000.00 for a pipe organ to be installed in the new University Auditorium. A Skinner organ that has few equals in the South has been erected on the Auditorium stage, and is used to splendid advantage at all assemblies of students and public occasions.

SCHOLARSHIPS—No method of contributing to the spread of higher education is more beneficial than to make it possible for a worthy but poor young man to attend his state university. Such provision is a debt the present generation rightfully owes to posterity. The establishment of several scholarships is gratefully acknowledged; see pages 46 to 48.

CHAIR OF AMERICANISM AND SOUTHERN HISTORY—Through the generosity of the American Legion, Department of Florida, which has provided a fund of $40,000 for this purpose, supplemented by legislative appropriation, there has been created a Professorship in the University known as the "Chair of Americanism and Southern History." The holder of this professorship is head of the department of History and Political Science, and the courses in American History, Government, and Constitutional Law are given in connection with this Chair.

HAISLEY LYNCH MEDAL—The University is grateful to Mr. and Mrs. L. C. Lynch of Gainesville for their gift of the Haisley Lynch Medal for the best essay in American History. This medal is awarded annually by them in loving memory of their son, Haisley Lynch, a former student of the University, who was killed in action in France during the World War.

GOVERNMENT AND REGULATIONS OF THE UNIVERSITY

The regulations of the University, and the organization as approved by the Board of Control will be published as a separate bulletin. This bulletin will be available to students and faculty at the beginning of the session 1929-30.

A few of the more important regulations are listed below.

Grades and Reports—Grades are recorded by use of the letters A, B, C, D, E, in order of excellence. D is the lowest passing grade. E is failure. Other special grades are: I, incomplete; X, missed examination; R, conditional failure with re-examination privilege.

The grade of I must be removed within two months or it will be recorded E.

In addition to passing the required courses, students must average C in all courses used for meeting the requirements of a degree. In computing an average, each semester hour with A gives three points, each hour of B, two points, each hour of C, one point. Other grades give no points.

Failure in Studies—A final grade, based upon the examination and the monthly grades, is assigned for each semester's work. If this grade falls below D, the student is considered to have failed and may proceed only subject to a condition in the study in which failure has occurred.

A student who fails in fifty per cent or more of his class hours for two consecutive months, or for the semester, will be dropped for the remainder of the College year. Students so dropped will be entitled to honorable dismissal, unless their failure is clearly due to negligence. Upon petition to the Dean of his College, such a student may be reinstated upon such terms as may seem best.

Complete Failure in One or More Subjects—*If at any time a student is failing completely in any subject, if he fails repeatedly to hand in the written work, if he absents himself without satisfactory excuse from the tests, or if in general he shows no disposition or capacity to do the work required, he may be compelled to pay the fee for change of course and drop the course; and if thereby his total number of hours falls below the minimum required, he may be dropped from the University, and his record marked "dropped for failure in studies."*

Degrees—The special requirements for the various degrees offered by the University will be found under the general statement of the Graduate School and of each of the colleges. The following regulations apply to all colleges:

While pursuing studies leading to a degree a student must be registered in the college offering that degree.

Two degrees of the same rank, as, e.g., B.S.C.E. and B.S.E.E., will not be conferred upon the same individual, unless the second degree represents at least thirty credits of additional work.

Special Students—Students desiring to take special courses may be allowed to take those classes for which they are prepared. The number of such students in a college is, however, restricted to an extremely small per cent of the total enrollment. These students are subject to all the laws and regulations of the University. Special courses do not lead to a degree. The College of Law does not admit special students.

The University permits special courses to be taken solely in order to provide for the occasional exceptional requirements of individual students. Accordingly, no minor is permitted to enter as a special student except in the College of Agriculture. A special student will be required to pursue a regular course, even though he may expect to attend the University only a year or two.

Adult Specials—Persons twenty-one or more years of age who cannot satisfy the entrance requirements, but who give evidence of ability to profit by the courses they may take, may, under exceptional circumstances, be admitted as "Adult Specials."

INCOME

The annual income of the University, apart from Legislative appropriations, is derived principally from the following Federal grants: (a) The "East Florida Seminary Fund"—about two thousand dollars ($2,000); (b) the "Agricultural College Fund" bonds—about seventy-seven hundred dollars ($7,700); (c) one-half of the "Morrill Fund"—twelve thousand five hundred dollars ($12,500); (d) one-half of the "Nelson Fund"—twelve thousand five hundred dollars ($12,500). The total income thus derived amounts to thirty-four thousand seven hundred dollars ($34,700).

For the support of the Agricultural Experiment Station the Federal government makes three annual grants: (a) the "Hatch Fund", fifteen thousand dollars ($15,000); (b) the "Adams Fund," fifteen thousand dollars ($15,000); and (c) the "Purnell Fund", beginning in 1926 with twenty thousand dollars ($20,000) and increasing ten thousand dollars per year until the maximum of sixty thousand dollars ($60,000) per year is reached in 1930, and continuing thereafter.

See also Recent Gifts, Fellowships, Scholarships, Loan Funds and Agricultural Extension Division.

FEES

University Charges—*Tuition*—In the College of Law a regular tuition fee of forty dollars ($40.00) per year—$20.00 payable at the beginning of each semester, is charged every student; and an additional charge of one hundred dollars ($100.00) per year—$50.00 payable at the beginning of each semester, is required of all non-resident students. In the other Colleges of the University a student who is a permanent legal resident of Florida is subject to no charge for tuition; a student who is not a permanent legal resident of the State is required to pay a tuition fee of one hundred dollars ($100.00) per year, payable $50.00 per semester. A special fee of ten dollars ($10.00) will be charged all students registered in the College of Commerce and Journalism and a fee of one dollar ($1.00) per semester hour to other students who elect technical courses in this college.

The burden of proof as to residence is with the student. Any student who registers improperly under the above rule will be required to pay the non-resident tuition, and also a penalty of ten dollars ($10.00).

Registration and Contingent Fee—This fee of seven and one-half dollars ($7.50) per year is charged all students, including those regularly enrolled in the Graduate School.

Late Registration Fee—A fee of $5.00 is charged all students who do not complete their registration on the dates set by the council and published in the calendar. Registration is not complete until all University bills are paid, and any who fail to meet their obligations are not regarded as students of the University.

Laboratory Fees—A small fee is required in advance for each course that includes laboratory work, to cover cost of consumable material, wear and tear of apparatus, and similar items. The amount of the fee varies with the different courses, in no case exceeding $5.00 per semester for any one course.

A *Breakage Fee* of $5.00 will be required of each student using a locker and laboratory apparatus in the departments of Chemistry, Pharmacy and Electrical Engineering. This deposit will be made at the Business Manager's office, and refunds on same will be made once a year when the student has checked in his apparatus to the satisfaction of the department concerned. No charge will be made from this fee for materials used or for normal wear and tear, as this is covered in the general laboratory fee.

Infirmary Fee—All students are charged an infirmary fee of nine dollars ($9.00) per year. This secures for the student in case of illness

the privilege of a bed in the Infirmary and the services of professional nurses and the University physician except in cases involving major operations. To secure this medical service, students must report in person to the nurse in charge of the Infirmary. A fee of $5.00 is charged for the use of the operating room. Board in the Infirmary is charged at the rate of $1.50 a day, and a refund of fifty cents a day is allowed if the student has already paid board at the Commons. All students will be given a careful physical examination at the beginning of the session.

Student Activity Fee—This fee of twenty-three dollars and sixty cents ($23.60), payable on entrance, was voted by the students and approved by the Board of Control. These funds are used to foster and maintain athletic sports, student publications, literary and debating societies, and other student activities. All students are required to pay this fee, except that students regularly enrolled in the Graduate School may be excused if they do not wish to participate in any of the student privileges covered by this fee.

Diploma Fee—A diploma fee of five dollars ($5.00) is charged all candidates for degrees. This fee must be paid by the date as published in the calendar or the student will not receive the degree sought.

Refunds—No refund of any fees, except unused portions of laboratory fees, will be made after the student has attended classes for three days.

Living Expenses—*Board and Lodging*—Board, lodging and janitor service will be furnished by the University at a cost of one hundred dollars ($100.00) per semester in the old dormitories, and $116.00 in the new dormitory. This does not include the Christmas vacation. Board only will be furnished at eighty-five dollars ($85.00) per semester. To take advantage of these rates, payment must be made at the beginning of each semester. No refund will be made for less than a month's absence. When not engaged by the semester, board and lodging, and board only, will be furnished, if paid monthly in advance, according to the following schedule:

Board and Room—New Dormitory

Semester Rate $116.00

Monthly Rates:	
Sept. 16 to Oct. 15	$29.50
Oct. 16 to Nov. 15	29.50
Nov. 16 to Dec. 21	35.00
Jan. 6 to Jan. 31	25.85
February	29.50
March	29.50
April	29.50
May 1st to June 3rd	32.00

Board and Room—Buckman and Thomas Halls

Semester Rate $100.00

Monthly Rates:	
Sept. 16 to Oct. 15	25.50
Oct. 16 to Nov. 15	25.50
Nov. 16 to Dec. 21	30.60
Jan. 6 to Jan. 31	22.10
February	25.50
March	25.50
April	25.50
May 1 to June 3	28.00

Board in University Commons

Semester Rate $85.00

Monthly Rates:

Sept. 16 to Oct. 15	21.50	February	21.50
Oct. 16 to Nov. 15	21.50	March	21.50
Nov. 16 to Dec. 21	25.80	April	21.50
Jan. 6 to Jan. 31	18.65	May 1 to June 3	23.50

Under Board and Lodging are included meals in the Commons and room, with heat, light, janitor service, and access to a bathroom. The doors of the rooms are provided with Yale locks. Keys for Dormitory rooms will be issued student on memo charge against Damage Fund. If not returned fifty cents will be forfeited. Janitor service includes the care of rooms by maids, under the supervision of a competent housekeeper.

All rooms are partly furnished and adjoin bathrooms equipped with marble basin and shower with both hot and cold water. The furniture consists of two bedsteads and mattresses, chiffonier or bureau, table, washstand, and chairs. The students are required to provide pillows, bedding, towels and toilet articles for their own use.

A room reservation fee of $10.00 is charged for dormitory space, and is payable in advance. This fee is retained as a deposit until the student gives up his room, when refund, less any charges for damages incurred during his residence there, is made.

The Board of Control has ruled that Freshmen be given preference in Dormitory reservations. Upper classmen reservations will be accepted with this understanding. We urge that applications be made immediately. They must be accompanied by the Room Reservation Fee of $10.00. If a room has been assigned, no refund of the reservation fee will be made later than September 10th. Students not assigned to a room, will be entitled to a refund upon request.

Students to whom rooms are assigned will not be allowed to withdraw from the Dormitories during the first semester.

The University does not furnish lodging without board.

Opening and Closing of the Commons—The dining room will be open for the first meal on Manday noon, September 16, 1929. The last meal served for the scholastic year will be dinner on Tuesday, June 3, 1930. *Keep these dates in mind.*

Board and Rooms Near the Campus—Board and rooms in private homes of Gainesville may be secured at rates of thirty-five to forty-five

dollars ($35.00-$45.00) per month, depending upon the accommodations and proximity to the campus. A large number of rooming houses, as well as cafeterias, lunch rooms, and dining rooms are located within walking distance, and students may secure any class of accommodations they desire. The University Y. M. C. A. maintains a list of boarding and rooming houses near the campus and in the city, and will cheerfully assist students in securing a comfortable location. For copy of lists and advance information, address the General Secretary, Y. M. C. A., University of Florida, Gainesville.

Books—The cost of books depends largely upon the course pursued. In the upper classes, the student is encouraged to acquire works of permanent value, or reference manuals for use in the professions. Students of engineering need a first-class set of drawing instruments for use during and following their college course.

The annual necessary expenses of the average Florida student would figure approximately as follows:

Tuition	$ 00.00
Registration and Student Activity fees	40.10
Laboratory fees and Books, average	37.75
Board and Lodging in Commons and Dormitory (if paid by the semester in advance) Old dormitory	200.00
New dormitory	232.00
Laundry (about)	18.00

Law students should add about $68.00 to this estimate to cover tuition and extra cost of books.

All students who are not permanent legal residents of Florida will add to these estimates a tuition fee of one hundred dollars ($100.00). Cost of clothing, recreation and other incidentals are subject to the wishes of the individual.

Remittances—*All remittances should be made to the Business Manager, University of Florida, Gainesville, Florida.*

Opportunities for Earning Expenses—It is often possible for a student to earn a part of his expenses by working during hours not required for his University duties.

A few students are employed as waiters, as janitors, and in other capacities. Such employment is not, as a rule, given to a student otherwise financially able to attend the University, nor is it given to one who fails in any study. Application for employment should be made to Mr. R. C. Beaty, Assistant to the Dean of Men, Gainesville, Fla.

FELLOWSHIPS, SCHOLARSHIPS, AND LOAN FUNDS

FELLOWSHIPS—In order to encourage young teachers to prepare themselves further for their work, three Teaching Fellowships, each paying $200.00 annually, have been established in the Teachers College. Application for a fellowship must be made in writing to the Dean of the Teachers College or to the President of the University. It must show that the applicant is a college graduate and has ability to profit by the work offered, and must be accompanied by testimonials as to his character.

A Fellow must devote himself to studies leading to the Master's degree in Education. He will be expected to teach four or five hours per week in the Normal School under the direction and supervision of the Teachers College. He may be called upon for minor services, such as conducting examinations, but not for anything that would interfere with his graduate work.

L. P. Moore Fellowship—Established and maintained by Mr. L. P. Moore, of New York, in the interest of forwarding horticultural research in connection with the production of tung-oil trees and seed in America. Open only to graduates of a four-year agricultural course. Value, $750.00 per year; may be held for two successive years. Application for this Fellowship should be made through the Dean of the College of Agriculture, University of Florida.

Chilean Nitrate of Soda Fellowship—Established by the Chilean Nitrate of Soda Educational Bureau for the purpose of forwarding research in citrus fertilizers in Florida. Open only to graduates of a four-year agricultural course. Value, $2,400—salary $1,200 and expenses $1,200 per year. Application for this Fellowship should be made through the Dean of the College of Agriculture, University of Florida.

Penney-Gwinn Fellowship—Established and maintained by the J. C. Penney-Gwinn Corporation of New York, for the purpose of forwarding research in: (a) the residual effects of Nitrogen fertilizers in Florida; (b) the economic value of green manures in Florida. Value $1,000 each per year. Open to graduate students only. Application for either of these fellowships should be made through the Dean of the College of Agriculture, University of Florida.

SENATORIAL AND TEACHERS SCHOLARSHIPS

The Legislature has provided that every Senatorial District of the State shall be allowed annually one scholarship for men at the University of Florida, and that every County of the State shall be allowed as

many scholarships in the Teachers College of the University of Florida as that County has Representatives in the House of Representatives. These latter scholarships shall be awarded only to such residents of the several Counties as intend to make teaching in this State their occupation. The scholarships are awarded after a competitive examination, taken pursuant to the provisions of the act and to appropriate rules and regulations prescribed by the State Board of Education. Scholarships from Senatorial Districts are designated as Senatorial State Scholarships and are awarded after a competitive examination. The holder may register for any of the regular courses at the University of Florida and is not required to teach after graduation. The value of each of these scholarships is $200.00 a year.

Students desiring to take these competitive examinations should communicate with the State Superintendent of Public Instruction, Tallahassee, Florida.

SCHOLARSHIPS—Through the generosity of friends, the University is able to offer several scholarships. (See also College of Agriculture and Teachers College.) Application for a scholarship should be made to the President of the University and should be accompanied by a record of the student's work, statement of his need, and testimonials as to his character. To secure a scholarship:

(a) The student must actually need this financial help to enable him to attend the University.

(b) He must be of good character and habits and sufficiently far advanced to enter not lower than the freshman class.

1. *United Daughters of the Confederacy Scholarships* given by the Chapters of the Florida Division U. D. C. for the term 1927-28:

a. Kirby Smith Chapter, Gainesville—one student, value (Loan) $100.00
b. Lakeland Chapter, Lakeland—one student, value 200.00
c. Southern Cross Chapter, Miami—one student, value..... 180.00
d. Annie Coleman Chapter, Orlando—two students, value..... 400.00
e. Four Chapters of Jacksonville—one student (entered late), value..... 187.50
f. J. J. Dickinson Camp of Tampa—one student (1st. sem.), value..... 75.00

Applications relative to scholarships offered by the different chapters of the U. D. C. should be made to Mrs. J. C. Blocker, Chairman of Education, 600 Fourth Street North, St. Petersburg, Florida.

2. *Knight and Wall Scholarship*—Established and maintained by the Knight & Wall Company, hardware dealers, of Tampa. Value, $245.00. For full particulars, address the Superintendent of Public Instruction, Hillsboro County, at Tampa, Florida.

3. *Arthur Ellis Ham Memorial Scholarship*—Established in 1919 by Mrs. Elizabeth C. Ham, in accordance with the last will and in memory of her husband, Capt. Arthur Ellis Ham, a former student of the University who fell in battle at St. Mihiel, France, on Sept. 14, 1918. Value, the income from a fund of $5,000.00.

4. *John B. Sutton Scholarship*—Established and maintained by a loyal alumnus and former member of the Board of Control, Mr. John B. Sutton, LL.B., 1914, of Tampa, Florida. Value, $250.00.

5. *Loring Memorial Scholarship*—Maintained by Mrs. William Loring Spencer, in memory of her distinguished uncle, General Loring. Value, $250.00.

6. *J. B. Dell, Jr., Memorial Scholarship*—Established by Mrs. J. B. Dell, of Gainesville, Florida, in memory of her son, James B. Dell, Jr., and awarded to a worthy student. Value, $300.

7. *Scottish Rite Scholarships*—Maintained by the Scottish Rite Bodies of Jacksonville, Florida. Two scholarships, valued at $240.00 each.

8. *Knights of Pythias Scholarships*—The University hereby acknowledges its profound gratitude to the Grand Lodge of the Knights of Pythias of Florida, which by the establishment of twelve scholarships makes it possible each year for twelve young men to pursue their studies.

Applications for one of these scholarships should be made to Dr. J. H. Coffee, Arcadia, Florida.

9. *William Wilson Finley Foundation*—See statement under College of Agriculture.

10. *State U. D. C. Foundation*—Loan to a lineal descendent of a Confederate soldier to an amount not exceeding $100 per year.

11. *Rotary Loan Fund*—The University here wishes to record its appreciation of the great interest shown in higher education by the Rotarians of Florida, who have set aside a considerable sum of money to be used in making loans to worthy boys, who otherwise would not be able to attend college.

Applications for loans should not be made to the University, but to the President of the Rotary Club of the city from which the prospective student registers, or to Mr. F. O. Miller, President, Jacksonville, Florida, on or before September 1st.

12. *Duval High Memorial Scholarship*—An act creating the Memorial Duval High School Scholarship and authorizing and appropriating annually $275.00 of the Duval County funds as financial assistance for

one worthy high school graduate is covered by House Bill No. 823, and was approved May 20, 1927.

This scholarship is created to memorialize and assist in preserving the high standards and traditions of the Duval High School where many of Florida's worthy citizens are educated, and was established by the Board of County Commissioners of Duval County, Florida.

13. *Jacksonville Rotary Club Scholarship*—The Jacksonville Rotary Club maintains a scholarship of two hundred and fifty dollars which is given, at their discretion, to a student meeting such requirements as they may make pertaining to the scholarship.

14. *Tampa Alumni Scholarship Loans*—Provide for several students, the estimated allowance being two hundred and fifty dollars each for the scholastic year. These scholarship loans are made available through the generosity of the Tampa Alumni, the Tampa Electric Company, Tampa Coca Cola Company, Lykes Brothers and others. Information as to these loans may be secured from Mr. J. L. Hearin, Secretary, 607 First National Bank Building, Tampa, Florida.

15. *Knights Templar Scholarship*—The Grand Lodge of Knights Templar in the State of Florida has arranged a number of loans in amounts of two hundred dollars to each student, for high school students pursuing a course at this institution.

These loans are made available through application to the Knights Templar Lodge in the various cities of the state, and are handled by the Grand Lodge Officers. It is estimated that thirty students received aid from this scholarship during the present scholastic year.

16. *Student Aid Society*—A number of students have been helped by loans from the University of Florida Student Aid Society.

This Society was organized in Jacksonville, through the efforts of Frank Rogers and W. M. McCrory, who serve as Secretary and Treasurer, respectively.

Money has been raised through the sale of non-profit stock certificates, at $10.00 each, and over six thousand dollars has been given in scholarship loans this year.

HONORS

Phi Kappa Phi—A chapter of the Honor Society of Phi Kappa Phi was established at the University during the spring of 1912. To be eligible for membership a student must have been in attendance at the University for at least one year, have been guilty of no serious breaches of discipline, have had at least three years of collegiate training, be within

one year of finishing a course leading to a degree, and stand among the first fifth of the senior class of the University. The grade which must be attained is based on all college work, wherever done, for which the student receives credit towards a degree.

MEDALS—Medals are offered (1) to the best declaimer in the freshman and sophomore classes and for the best original orations delivered (2) by a member of the junior and (3) the senior class. The contests are decided by public competition during Commencement week. The speakers are limited to four from each class and are selected by the faculty.

ALUMNI ASSOCIATION

At the close of their Commencement exercises the class of 1906 organized an Alumni Association. All graduates of the University *and the graduates of the former institutions who have had their diplomas confirmed by the University* are eligible for "active" membership. Recently the Association's constitution was so amended that former students, who had attended the University as much as one academic year and left in good standing without having received a degree, are automatically "associate" members. At the annual meeting in June, 1926, the doors of the Association were thrown open to all friends of the University who desire to unite with this organization for the furtherance of this institution, and they may now become "sustaining" members by paying into the treasury a sum at least equal to active and associate membership dues.

The Association holds its annual meeting during Commencement week at the University; and usually a business meeting is held on the occasion of Home-Coming. Most Association business is conducted by the Executive Council, composed at this time of ten men. This Council meets on call, each member paying his own expenses and giving his own time without remuneration. The Association now employs a full-time executive secretary and maintains a suite of offices in the Law Building on the campus.

The Association publishes a monthly alumni periodical, known as *The Florida Alumnus,* the first issue having appeared September 1, 1926. All desiring further information pertaining to Florida alumni should write to the Alumni Association, University of Florida, Gainesville.

Offices for the year 1928-29 are:

Dr. T. Z. Cason, B.S. '08, Jacksonville, President.

Judges S. L. Holland, LL.B. '16, Bartow, Vice-President.

Frank Wright, Executive Secretary and Treasurer.

Other members of the Executive Council: Geo. R. McKean, B.A. '96, Tampa; Raymer F. Maguire, LL.B. '15, Orlando; Phil S. May, B.A. '11, LL.B. '15, Jacksonville; M. Roy Hinson, A.B.E. '24, Tallahassee; Gordon B. Knowles, B.A. '15, LL.B. '16, Bradenton; Norris McElya, B.S. '16, LL.B. '17; Erwin A. Clayton, A.B.E. '24, J.D. '27.

STUDENT ORGANIZATIONS AND PUBLICATIONS

ORGANIZATIONS—Practically every interest of the student-body has a student-controlled organization, but with faculty supervision, for its support. Some of these organizations are mainly religious in character, some social, others purely literary or scientific; still others combine social with other features. Hence there are athletic clubs, in addition to the general Athletic Association of the University; associations of men who have distinguished themselves or who are greatly interested in some activity or study.

NOTE: The general faculty has ruled that no social functions shall be given under the auspices of any student organization except with the permission of the Committee on Student Organizations.

Athletic Association—This association, composed of the entire student body, has charge of all major and minor sports, under faculty supervision and subject to the rules and regulations of the Southern Intercollegiate Conference.

Y. M. C. A.—The purpose of the Young Men's Christian Association is to provide a medium through which the highest ideals of education and religion may be expressed in terms of service.

The program of the Association is planned to meet definite needs as these are apparent, including:

Student Center—The Y Rooms are open every day in the week, and are furnished with magazines, daily papers, Edison, piano, telephone, games, and other conveniences.

Social Life—A definite effort is made to create a wholesome social life which may be participated in by every student.

Religious Activities—Voluntary Bible study groups, special meetings, life work talks, church cooperation and conferences.

Secretaries—Two secretaries having extensive experience with the problems of students are available at all times for counsel and help.

There is no membership fee. The organization is supported by voluntary contributions, and any student may become a member by subscribing to its purpose.

Fraternities—*Nineteen national fraternities have established chapters at the University; most of these have already built handsome chapter houses for their members, and several others are renting homes near the University campus. The general work of the fraternities is controlled by the *Interfraternity Conference*, composed of two delegates from each organization, supervised by a Committee of the General Faculty.

Honor societies or fraternities have been established in the Colleges of Agriculture, Engineering, Law, Teachers College, and in Debating, Chemistry, Military Science, Commerce and Journalism. These organizations have high moral and inspirational purposes, and assist in developing leadership and service.

Literary and Scientific Societies—See description under General Statement of each of the colleges of the University.

Honor Committee—In order to carry out the spirit of the "Honor System," which has been in operation at the University for years, nine men are elected from the student body to serve on the Student Honor Court. This Honor Court strives in every way possible to promote among the students honesty in all their work and conducts a fair trial in the rare cases of breaches of the system. Its verdict is final, but is kept secret from all save those concerned.

Debating Council—The Debating Council, composed of one representative from each of the Literary Societies, has general charge both of intersociety and intercollegiate debates. Under its direction a debating contest is held annually between each of the colleges of the University. The winning team gains possession of the Faculty Loving Cup for the ensuing year; three successive victories entitle the successful society to a permanent ownership. Certain inter-university debates have grown into a tradition. The home teams debate annually against teams from the University of South Carolina, University of Tennessee, and Louisiana State University. Some forty intercollegiate debates have been held annually for the past few years.

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*Alpha Gamma Rho
Alpha Tau Omega
Delta Chi
Delta Tau Delta
Kappa Alpha
Kappa Sigma
Phi Beta Delta
Phi Delta Theta
Phi Kappa Tau
Pi Kappa Alpha
Pi Kappa Phi
Sigma Alpha Epsilon
Sigma Chi
Sigma Iota
Sigma Nu
Sigma Phi Epsilon
Tau Epsilon Phi
Theta Chi
Theta Kappa Nu

MUSICAL ORGANIZATIONS

The Chapel Orchestra offers musical entertainment at many University functions. Its organization is one of the largest in the South. Students with ordinary talent in the handling of orchestral instruments are invited to present their names for membership.

The Glee Club is under the direction of a special teacher of vocal music. Programs are given on the campus and about the middle of the year a tour is made to nearby towns. Membership is selective.

The Military Band adds much to the effectiveness of parades. It makes several excursions during the year to neighboring towns. The instruments, valued at over $6,000, are furnished by the War Department.

PUBLICATIONS

Beginning with the session of 1909-10 each junior (or senior) class has published an illustrated annual, known as the "*Seminole.*"

The "*Florida Alligator*" is a weekly newspaper owned and controlled by the student-body. Its editorial articles discuss University problems from the viewpoint of the undergraduates.

ADMISSION

The Classification of students admitted will be according to their previous training—to the freshman class, to advanced standing, as special students, or as graduate students.

Vaccination—All students preparing to enter the University of Florida should be vaccinated against small-pox; they must bring a certificate of successful vaccination or be vaccinated after their arrival by the University Physician. Certificates presented must show successful vaccination within five years.

Students are also advised to be inoculated against typhoid fever.

Procedure—Students desiring to enter the University of Florida should write to the Registrar stating the course they desire and asking that an entrance blank be sent to the principal of the high school which they attended. In the case of Florida high schools, the student may ask the principal to send the records on the blanks with which the principal will be supplied. *In no case will credits be accepted unless they come direct from the principal to the Registrar.* No student will be registered until his credits have been received and accepted.

Students presenting credits for advanced standing should have the registrar of the institution which they last attended send a transcript of their record to the Registrar of the University of Florida. This transcript must show that the student has honorable dismissal, and that he was successfully passing his courses at the institution that he last attended. *Students who because of failure in studies are not allowed to return to the institution they last attended ordinarily will be denied admission to the University of Florida.*

Upon receipt of the record of previous training the credits will be evaluated, the student notified by the Registrar as to his eligibility for entrance, and as to the amount of advanced standing, if any.

LAWS GOVERNING ADMISSION

To the Freshman Class—Sixteen High School units are required for non-conditional entrance to the University. Applicants are admitted to the regular freshman class as follows:

1. Graduates of accredited High Schools are admitted without examination, provided they offer the nine required units:—3 English; 1 Algebra; 1 Plane Geometry; 1 History; 1 Science; 2 as specified by the individual colleges (see section 4 below), and offer at least 15 acceptable units. Candidates offering only 15 units will be conditioned 1 unit in entrance and must take six semester hours in addition to the required work for any degree, *unless* this condition is removed within one year.

No condition will be permitted in any of the nine required units.

A single unit in any foreign language will not be accepted.

2. Non-graduates of accredited or non-accredited high schools presenting at least 15 acceptable units, including the nine required units listed in (1.) above, are admitted provided they successfully pass the entrance examinations in the subjects presented for admission.

3. Graduates of non-accredited high schools presenting the specified units are admitted provided they successfully pass entrance examinations in the following subjects:

English—Rhetoric and Composition; American and English Literature.

Mathematics—First Year Algebra, Plane Geometry.

History—one unit.

Science—one unit.

4. The specific requirements for each course are as follows:

Arts and Sciences—AB Course:*

English	3
Algebra	1
Plane Geometry	1
History	1
Science	1
Latin	2
Approved electives	7
Total	16

Engineering and Architecture:

English	3
Algebra	2
History	1
Plane Geometry	1
Solid Geometry	½
Trigonometry	½
Physics	1
Approved electives	7
Total	16

*Commerce and Journalism:**

English	3
Algebra	1
Plane Geometry	1
History	1
Science	1
One Foreign Language	2
Approved electives	7
Total	16

All others, viz: College of Agriculture, Teachers College, College of Pharmacy, College of Arts and Sciences:—BS and Pre-Medical courses:*

English	3
Algebra	1
Plane Geometry	1
History	1
Science	1
Foreign Language†	2
Approved electives	7
Total	16

Entrance Examinations—Entrance examinations will be given on the dates published in the University calendar. Students failing to take the examinations on these dates will be required to pay the special examination fee of five dollars ($5.00).

Registration—No student will be registered until he has had his principal file with the Registrar a certified copy of his high school record showing that the candidate has the required units for admission; or until the student has otherwise fulfilled all the requirements for admission. Students presenting credits for advanced standing will not be registered until they file a transcript from the isstitution they last attended.

Responsibility for Entrance—The University will accept all graduates from accredited institutions, and report on their work to the Southern Association. Students entering by entrance examinations are not reported to the Association.

Short Courses in Agriculture—Students 18 years of age and over, may enter the four month and one year courses offered in the College of Agriculture, without the required high school entrance units.

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*Students taking work in the College of Arts and Sciences or in the College of Commerce and Journalism are urged to present not less than three units (3) in Mathematics:—one unit (1) in Plane Geometry; one and one-half (1½) units of Algebra. Unless one-half (½) unit of Trigonometry is taken in high school and presented for entrance it must be taken in addition to the regular course in Mathematics.

†This may be waived by presenting 2 extra units in History or Science, or one extra in each.

Engineering Students—Pending the provision of enlarged facilities for instruction the right is reserved to limit the number of freshmen admitted to the College of Engineering and Architecture to such number as can be properly accommodated with the present facilities. A qualifying examination will be given to all applicants and must be passed before a student will be registered in these courses. Students having successfully completed a year's course in another college will be exempt from this examination.

College of Law—Sixty-eight (68) semester hours of college credit are required for admission to the College of Law. Usually two years are needed to obtain these credits. They must all be applicable toward a degree in the college from which they are offered.

Teachers' Certificates—Special examinations given by the State Department of Education for Teachers' Certificates are equivalent to entrance examination units as indicated below:

First Grade Certificate:	
English (Rhetoric and Composition)	2
General History	1
Physiology	1
Biology (omitted from old First)	1
U. S. History½, Civics ½	1
Theory and Practice½, Agricultural ½	1
Algebra	2
Total units	9

Second Grade Certificate:	
English Composition	1
Civics	½
U. S. History	½
Agriculture	½
Theory and Practice	½
Algebra	1
Total units	4

Primary Certificate:	
U. S. History and Constitution	1
Psychology	1
Manual Arts	1
Nature Study	1
Drawing	1
English (Rhetoric and Composition)	2
Public School Music	1
Total units	8

Other certificates will be considered on their merits.

MAXIMUM AND MINIMUM CREDITS ALLOWED FOR ENTRANCE

Following is a list of subjects with the maximum and minimum number of units allowed for entrance. Entrance units will not be allowed in subjects not listed without special approval of the Committee on Admissions:

Courses	Units*	Courses	Units*	Courses	Units*
English, three yrs.	3	History, Mod. & Med.	1	Physiology	(½) (1)
English, fourth yr.	1	History, American	(½) (1)	Physical Geog.	1
Germ., two yrs.**	2	Civics†	(½) (1)	Agriculture‡‡	1 ( )
German, third yr.	1	Algebra, elem.	1	Economics	½
German, fourth yr	1	Algebra, intermed-	½	Sociology	½
French, two yrs.**	2	Algebra, advanced	½	Drawing	(½) (1)
French, third yr.	1	Geometry, plane	1	Music Theory and History§	(½) (1)
French, fourth yr.	1	Geometry, solid	½	Business English†	1
Span., two yrs.**	2	Trigonometry	½	Bookkeeping†	(½) (1)
Spanish, third yr.	1	Physics	1	Com'l Arithmetic†	(½) (1)
Span., fourth yr.	1	Chemistry	1	Commercial Law†	½
Latin, 2 yrs.**	2	General Science	1	Com'l Geography†	½
Latin, third yr.	1	Biology‡	1	Shorthand†	1
Latin, fourth yr.	1	Botany‡	(½) (1)	Typewriting	½
History, Ancient	1	Zoology‡	(½) (1)	Manual Training	(½) (1)
History, English	1			Bible	(½) (1)

*A unit is equivalent to five recitations a week for a year in one branch of study. Two or three hours of laboratory work count as equivalent to one hour of recitation.

**Two units is the minimum credit allowed in a foreign language.

†A maximum of 4 units is allowed in English, Mathematics, History and Civics, Vocational subjects or Commercial subjects.

‡If one unit of Biology is offered, neither Botany (½ unit) nor Zoology (½ unit) may be counted.

‡‡As many as four units in Agriculture will be allowed to applicants for a degree in Agriculture.

§Credit not allowed in Band, Glee Club, etc.

PART III

THE COLLEGES

THE GRADUATE SCHOOL

ORGANIZATION—This School is under the direction of the Committee on Graduate Studies, which consists of Professors Anderson, Benton, Farr, Newell, Norman, Trusler, Leigh, and Matherly.

Graduate students should register with the Chairman of this Committee.

DEGREES OFFERED—Courses are offered leading to the degrees of Master of Arts, Master of Arts in Education, Master of Science, Master of Science in Agriculture, Master of Science in Engineering, and Master of Science in Pharmacy.

PREREQUISITE DEGREE—Candidates for the Master's degree must possess the Bachelor's degree from this institution or one of like standing. If the degree offered is not acceptable, the student may be required to obtain a satisfactory Bachelor's degree or he may be permitted to make good his deficiency by additional work and a longer residence at the University.

APPLICATIONS—Candidates for the Master's degree must present to the Chairman of the Committee on Graduate Studies a written application for the degree not later than the first of November of the first year's residence. This application must name the major and minor subjects offered for the degree and must contain the signed approval of the heads of the departments concerned. In case the student comes from another institution, a transcript of his college work is required.

When a candidate offers as a part of his work any course not sufficiently described in the catalog, he must include in his application an outline or description of that course.

TIME REQUIRED—The student must spend at least one entire academic year in residence at the University as a graduate student, devoting his full time to the pursuit of his studies.

WORK REQUIRED—The work is twelve hours per week. Six hours of this work must be in one subject (the major) and of a higher grade than any course offered for undergraduate students in that subject. The other six hours (the minor or minors) are to be determined and distributed by the professor in charge of the department in which the major subject is selected. No course designed primarily for students of a lower grade

than the junior class will be acceptable as a minor. While the major course is six hours, these hours are not the same as in undergraduate work, for in general the major work will require at least two-thirds of the student's time.

As a rule the student will have had four years of work or its equivalent in the subject selected for his major, and two or three years in the subjects selected as minors.

To obtain credit for a graduate course the student must attain a grade of not less than B. Re-examinations are not permitted. As a rule it is not permissible to select a minor in the same department as the major.

DISSERTATION—It is customary to require a dissertation showing original research and independent thinking on some subject accepted by the professor under whom the major work is taken. This dissertation must be in the hands of the committee not later than two weeks before Commencement Day. Two copies are required to be deposited in the library if the dissertation is accepted.

SUMMER SCHOOL—Four complete summer terms devoted entirely to graduate work will satisfy the time requirement.

The application must be presented not later than four weeks after the beginning of the first term. Application blanks are to be obtained from the chairman of the committee.

APPROVAL OF THE COMMITTEE—The majors and minors, the subject of the thesis, and the thesis itself are all subject to the approval of the Committee on Graduate Studies.

COURSES OF STUDY

For description of courses offered see Departments of Instruction section.

THE COLLEGE OF ARTS AND SCIENCES

JAS. N. ANDERSON, *Dean*
WILLIAM HAROLD WILSON, *Assistant Dean*

GENERAL STATEMENT

AIM AND SCOPE—The tendency of universities at the present time seems to be to reach out farther and farther into the domain of knowledge and to become more and more places where the student may expect to acquire any form of useful knowledge in which he may be interested. In the center, however, there is still found the College of Arts and Sciences, the pulsating heart, as it were, sending its vivifying streams to the outermost tips of the institution.

The aim of the College is to prepare for life, it is true, but not so directly and immediately as do the professional schools. It is a longer, but a better road, for those who are able to travel it, to distinction and ultimate success in almost any calling. Especially in the case of the learned professions, it is becoming clearer that a man must first get a liberal education, if possible, before entering upon his professional studies.

The purpose and aim of the College of Arts and Sciences is to impart culture and refinement, to train the mind and strengthen the intellect, to build up ideals and establish character, to enlarge the vision, to ennoble the thoughts, to increase the appreciation of the beautiful and the true, to add charm to life and piquancy to companionship, to make the man a decent fellow, a useful citizen, an influential member of society in whatever community he may be thrown, in whatever field his life-course may be run.

But if the student wishes to examine the practical side exclusively, he will find that there is also something practical in all the courses. For instance, they are all valuable for those who wish to learn to teach the subjects. Moreover, the use of electives gives the student an opportunity to specialize in some branch according to his inclination and in furtherance of his plans.

SOCIETIES

Farr Literary Society—This is the oldest society on the campus, and has provided opportunity for training in debate and oratory for many classes of college men. Meetings are held weekly.

The Leigh Chemical Society—Organized by and for the students of the department of Chemistry, from all Colleges, for the purpose of stimulating interest of beginners and giving a view of the importance of the industry. It meets monthly, with programs aided by faculty members and advanced students.

ADMISSION—For full description of requirements for admission and of unit courses, see pages 53 to 57, inclusive.

DEGREES—The College of Arts and Sciences offers courses leading to the degrees of Bachelor of Arts (A.B.) and Bachelor of Science (B.S.).

SUBJECTS OF STUDY—The subjects of study leading towards the degrees offered by the College of Arts and Sciences are divided into the following four groups:

I.	II.	III.	IV.
Military Science	French	Bible	Astronomy
Physical Education	German	Economics	Bacteriology
	Greek	Education	Biology
	Latin	English Language and Literature	Botany
	Spanish	History	Chemistry
		Philosophy	Geology
		Political Science	Mathematics
		Psychology	Meteorology
		Sociology	Physics
			Physiology
			Zoology

REQUIREMENTS FOR DEGREES—For each of the degrees offered, a total of 134 credits is required, of which at least the last 30 credits must be pursued in residence at this University.

For the A.B. degree 10 credits must be earned in Group I, 24 credits in each of Groups II and IV, and 36 credits in Group III; 8 credits may be taken in any Group; the remaining 56 credits (including the "major") must be earned in Groups II and III and (pure) mathematics. In Group II, two courses of a grade as high as 100 must be taken.

For the B.S. degree 10 credits must be earned in Group I, 18 credits in Group II (6 of which must be in a course as high as 100), 30 credits in Group III, and 54 credits (including the "major") from Group IV; the remaining 22 may be earned in any Group or Groups.

The "major" must consist of 18 credits in one department (not counting the freshman work or a foundation course) and must be approved by the head of the department chosen. The choice of electives must meet with the approval of the Dean.

COMBINED ACADEMIC AND LAW COURSE—For not more than 24 of the free elective credits required for either of the Bachelor's degrees con-

ferred by the College of Arts and Sciences there may be substituted an equal number of credits from the first year of the College of Law.

The Bachelor's degree in Arts or Science will not be conferred, however, upon a candidate offering 24 credits in Law until he has satisfactorily completed the second year of the course in the College of Law.

MINIMUM AND MAXIMUM HOURS—The student must take at least fourteen hours of work, and in general will not be permitted to take more than nineteen; but if in the preceding semester he has attained an honor point average of 2 or more and has not failed in any subject he may be permitted to take as many as twenty-one hours, and if he has attained an honor point average of 2.5 with no failures he may be permitted to take as many as twenty-three hours.

PRE-MEDICAL COURSE—Students intending to study medicine are advised to take the regular B.S. course. Inasmuch, however, as many students are unable to spend four years on a non-professional course, the University offers a Two-Year Pre-Medical course.

CURRICULUM

Leading to the Degree of Bachelor of Arts

Freshman Year

First Semester		*Second Semester*	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
English 101	3	English 102	3
English 103	2	English 104	2
Foreign Language	3	Foreign Language	3
*History 101	3	History 102	3
Mathematics 101	3	Mathematics 102	3
Military Science 101	2	Military Science 102	2
Physical Education 101	1	Physical Education 102	1
	17		17

Sophomore Year

First Semester		*Second Semester*	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
Biology 101 Or Chemistry 101 Or Physics 105 & 107 Or Physics 203	5	Biology 104 (or 106) Or Chemistry 102 Or Physics 106 & 108 Or Physics 204	5
Group II	3	Group II	3
Group III	3	Group III	3
Group II or III or IV	3	Group II or III or IV	3
Military Science 201	2	Military Science 202	2
	16		16

*Greek 21-22 may be substituted. Then History 101-102 will be taken the sophomore year.

CURRICULUM

Leading to the Degree of Bachelor of Science

Freshman Year

First Semester		*Second Semester*	
Names of Courses	Credits	Names of Courses	Credits
Chemistry 101	5	Chemistry 102	5
English 101	3	English 102	3
Foreign Language	3	Foreign Language	3
Mathematics 101	3	Mathematics 102	3
Military Science 101	2	Military Science 102	2
Physical Education 101	1	Physical Education 102	1
	17		17

Sophomore Year

First Semester		*Second Semester*	
Names of Courses	Credits	Names of Courses	Credits
*Biology 101 Or Physics 105 and 107 Or Physics 203	5	Biology 104 (or 106) Or Physics 106 and 108 Or Physics 204	5
Group II	3	Group II	3
Group III	3	Group III	3
Group II, III, or IV	3	Group II, III, or IV	3
Military Science 201	2	Military Science 202	2
	16		16

*If the student elects Biology in his sophomore year, he must take Physics the following year or vice versa. Both these subjects are required in the B. S. Course.

Junior and Senior Years—In the Junior and Senior years candidates for either of the degrees offered must choose their studies so as to conform to the general "Requirements for Degree" of this college, see page 63.

CURRICULUM

Two-Year Pre-Medical Course

First Year

First Semester		*Second Semester*	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
Biology 101	5	Biology 104	5
Chemistry 101	5	Chemistry 102	5
English 101	3	English 102	3
Foreign Language	3	Foreign Language	3
Military Science 101	2	Military Science 102	2
Physical Education 101	1	Physical Education 102	1
	19		19

Second Year

First Semester		*Second Semester*	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
Chemistry 201	3	Chemistry 202	3
Chemistry 251	5	Chemistry 252	5
Physics 105 and 107 Or Physics 203	5	Physics 106 and 108 Or Physics 204	5
Elective	3	Elective	3
Military Science 201	2	Military Science 202	2
	18		18

COURSES OF STUDY

For description of courses offered by the College of Arts and Science, see Departments of Instruction section.

THE COLLEGE OF AGRICULTURE

WILMON NEWELL, *Dean and Director*

GENERAL STATEMENT

The College of Agriculture has three divisions:

1. Instruction Division (the College proper)
2. Research Division (Experiment Station)
3. Agricultural Extension Division.

THE COLLEGE

W. L. FLOYD, *Assistant Dean*

AIM AND SCOPE—The College was established under the Acts of Congress creating and endowing institutions for the liberal and practical education of the industrial classes. Recognition of agriculture as a branch of collegiate instruction is a distinctive feature of schools thus founded.

The aim of the College is to afford young men the best possible opportunity for gaining technical knowledge and training in the art and science of agriculture. About one-third of the student's time is devoted to technical studies, the other two-thirds to cultural studies, and basic sciences. A foundation is thus laid which will enable graduates to become leaders in educational work or effective producing agriculturists.

BUILDINGS AND EQUIPMENT—The Agriculture Building, described on page 32 is the principal building for the College. Three departments are housed in the new Horticulture Building.

Arrangements are made for outside instruction in the different departments on the College farm which consists of 135 acres. The farm is equipped with a foreman's home, general barn for work stock, modern dairy barn, veterinary hospital, sweet potato storage house, propagating house, greenhouses, corn crib, farm machinery and implements, several stock lots and sheds, poultry houses, irrigating systems, and a number of types and breeds of cattle, hogs, and other farm animals. The Experiment Station farm containing about 700 acres joins the College farm and is also accessible for instructional purposes.

LIBRARIES—Many works on agriculture and horticulture have recently been added to the general library. A trained librarian aids students in finding needed references. Each department has, furthermore, a small

collection of well selected volumes, which are always accessible. The Experiment Station library contains a very complete set of bulletins from the experiment stations of the world and from the United States Department of Agriculture, all fully indexed and carefully filed.

THE AGRICULTURAL CLUB—This is a voluntary association of students in the College. Its purpose is to give training in public speaking and in preparation for leadership. The programs consist mainly of essays and debates on agricultural or civic topics, or speeches by members and visitors. Meetings are held weekly.

FELLOWSHIP—L. P. Moore Fellowship, for graduate students. See page 46.

SCHOLARSHIPS—*County Scholarships*—Provision has been made by a legislative act for a scholarship, sufficient to pay the board of a student in the College of Agriculture, from each county, to be provided for at their discretion by the various Boards of County Commissioners. The recipient is to be selected by competitive examination from among the qualified applicants.

Whether such a scholarship has been provided for may be learned from the Clerk of the Board of County Commissioners or the County Agent of the county in question. Other information may be obtained from the College of Agriculture.

BOYS' CLUB SCHOLARSHIPS—The Florida Bankers' Association offers club boys three prize scholarships, of $100 each, in the College of Agriculture: one for the western, one for the central and one for the southern areas of the State.

Chilean Nitrate of Soda Educational Bureau offers a scholarship of $100.

Frank E. Dennis, of Jacksonville, offers a scholarship of $250 in the College of Agriculture to the State Pig Club champion.

LOAN FUNDS—WILLIAM WILSON FINLEY FOUNDATION—As a memorial to the late President Finley and in recognition of his interest in agricultural education, the Southern Railway Company has donated to the University the sum of one thousand dollars ($1,000), to be used as a loan fund. No loan from this fund to an individual is to exceed $150 per year. Recipients are selected by the Dean of the College of Agriculture, to whom all applications should be directed.

NOTE: Loan funds available for students in any college of the University, as well as the conditions under which loans are made, will be found described on page 46.

REMUNERATIVE AND INSTRUCTIVE LABOR—Opportunities frequently occur for students to work in the fields and truck gardens, about the barns, in the buildings, and at the Agricultural Experiment Station. Those who engage in agricultural pursuits during vacation periods will be markedly benefited and after graduation will command more desirable positions or find their efforts on the farm more effective. See also Opportunities for Earning Expenses, page 45.

DONATIONS AND LOANS—The laboratories have been supplied with much of their farm machinery for instructional purposes through the generosity of the following manufacturers and distributors:

McCormick-Deering Co., Jacksonville.
Gulf Fertilizer Co., Tampa.
Florida Agricultural Supply Co., Jacksonville.
Southern States Lumber Company, Pensacola.
Peninsula Chemical Co., Orlando.
Gould Pump Co., Seneca Falls, N. Y.
Owensboro Ditcher Co., Owensboro, Ky.
Oliver Chilled Plow Works, South Bend. Ind.
Challenge Co., Batavia, Ill.
DeLaval Separator Co., New York.
Plow Mate Inc., Cleveland, O.

THE FOUR-YEAR COURSE

NOTE: See page 54 for entrance requirements.

GROUPS—The group courses offered afford the individual student opportunity for preparing for that branch of agriculture in which he is most interested. The Agronomy Group should be selected by those wishing to pursue general farming; the Animal Husbandry Group by those interested in stock raising; the Chemistry Group by those desiring to specialize in agricultural chemistry, and others in like manner.

QUANTITY OF WORK—No student will be allowed to take more than twenty hours of work, unless his general average during the previous year was at least 2 honor points, with no failure in any study; or more than twenty-two hours, unless the previous year's average was at least 2.5 honor points, with no failure.

CREDIT FOR PRACTICAL WORK—By previous arrangement with the head of a department and the Dean, students may do practical work under competent supervision in any recognized agricultural pursuit during their course of study, and upon returning to College and rendering a satisfactory written report showing faithful service, will be entitled to

one credit for each month of such work; such credits shall not total more than six in the one-year and four-year courses.

DEGREE—The work outlined in the following tables, whatever the major subject, leads to the degree of Bachelor of Science in Agriculture (B.S.A.). One hundred forty credits are required for graduation in all groups.

CURRICULUM FOR FOUR-YEAR COURSE IN AGRICULTURE

(Except those taking Landscape Design.)

Freshman Year

First Semester		*Second Semester*	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
Horticulture 101	3	Animal Husbandry 102	3
Botany 101	4	Botany 102	4
Chemistry 101	5	Chemistry 104	5
English 101	3	English 102	3
Military Science 101	2	Military Science 102	2
Physical Education 101	1	Physical Education 102	1
	18		18

Sophomore Year

First Semester		*Second Semester*	
Agronomy 201	3	Agric. Engineering 104	2
Biology 101	5	Agric. Engineering 202	4
Geology 201	3	*Chemistry 254	4
Mathematics 85	3	**Poultry Husbandry 202	3
Physics 201	3	Physics 202	3
Military Science 201	2	Military Science 202	2
	19		18

Junior and Senior Years

First Semester		*Second Semester*	
Agronomy 301	5	Agric. Economics 306	3
Bacteriology 301	4	Entomology 302	4
Agric. Economics 301	3	Journalism 316 } Or a Modern Language }	3
Elective	2	Veterinary Science 302	2
Group Requirements	19	Elective	3
		Group Requirements	19
(See next pages.)	—	(See next pages.)	—
	33		34

NOTE: At the beginning of his Junior year, each student will enter the Group which he prefers, and, in addition to the subjects specified above for the Junior and Senior years, must take the subjects required in his chosen Group.

*For Chemistry Group take 201-202.

**Those specializing in Pomology take instead Hort. 202; Poul. Husb. will be taken later.

GROUP REQUIREMENTS—JUNIOR AND SENIOR YEARS

First Semester		*Second Semester*	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
Agricultural Economics Group			
Agricultural Economics 303	3	Agricultural Economics 308	3
Agricultural Economics Subjects	6	Agricultural Economics Subjects	6
Electives (Approved)	10	Electives (Approved)	10
	19		19
Agricultural Engineering Group			
Horticulture 305	3	Agronomy 302	3
Agricultural Engineering Subjects	9	Agricultural Economics 308	3
Electives	7	Agricultural Engineering Subjects	6
		Electives	7
	19		19
Agronomy Group			
Agricultural Engineering 301	3	Botany 202	4
Plant Pathology 301	4	Bacteriology 302	4
Agronomy Subjects	8	Agronomy Subjects	6
Electives	4	Electives	5
	19		19
Animal Husbandry Group			
Poultry Husbandry 301	3	Bacteriology 302	4
Veterinary Science 301	3	Veterinary Science 302	3
Veterinary Science 401	2	Animal Industry Subjects	8
Animal Industry Subjects	8	Electives	4
Electives	3		
	19		19
Chemistry Group			
Chemistry 255	5	Chemistry 256	5
Chemistry 301	3	Chemistry 302	3
Chemistry 321	3	Chemistry 322	3
Chemistry 401	3	Chemistry 402	3
German or French	3	German or French	3
Electives	2	Electives	2
	19		19

First Semester		*Second Semester*	
Names of Courses	Credits	Names of Courses	Credits
Entomology and Plant Pathology Group			
Entomology 303 or Plant Pathology 401	4	Entomology 304 or Plant Pathology 402	4
Plant Pathology 301	4	Plant Pathology 304	3
Plant Pathology 303	3	Entomology 406	3
Entomology 405	3	Electives	9
Electives	5		
	19		19
Horticulture Group			
Botany 201	4	Agronomy 302	3
Plant Pathology 301	4	Poultry Husbandry 202	3
Horticultural Subjects	9	Horticultural Subjects	9
Electives	2	Electives	4
	19		19
Smith-Hughes Group			
Agricultural Engineering 303	3	Agronomy 302	3
Plant Pathology 301	4	Agricultural Organization 204	1
Political Science 101	3	Political Science 102	3
Education 303	3	Education 0207	3
Education 403	3	Education 304	3
Education 409	3	Education 306	3
		Education 410	3
	19		19

CURRICULUM FOR FOUR-YEAR COURSE IN LANDSCAPE DESIGN

Freshman Year

First Semester		*Second Semester*	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
Architecture 101	3	Architecture 102	2
Botany 101	4	Botany 102	4
Chemistry 101	5	Chemistry 102	5
English 101	3	English 102	3
Military Science 101	2	Military Science 102	2
Physical Education 101	1	Physical Education 102	1
	—	Architecture 112	1
	18		—
			18

Sophomore Year

Architecture 121	2	Architecture 122	2
Horticulture 101	3	Architecture 226	2
Horticulture 207	3	Horticulture 208	3
Mathematics 85	3	Horticulture 210	3
Physics 201	3	Horticulture 212	3
Military Science 201	2	Physics 202	3
Modern Language	3	Military Science 202	2
	—		—
	19		18

Junior Year

Geology 201	3	Botany 202	4
Agricultural Engineering 301	3	Horticulture 310	3
Agronomy 301	5	Entomology 302	4
Horticulture 309	3	Electives	3
Architecture 227	2	Modern Language	3
	—		—
	16		17

Senior Year

Agricultural Economics 301	3	Horticulture 406	3
Horticulture 405	3	Horticulture 408	3
Horticulture 411	3	Plant Pathology 406	3
Plant Pathology 405	3	English 202	3
English 201	3	Electives	1
Modern Language	3	Modern Language	3
	—		—
	18		16

OTHER DEPARTMENTS

Descriptions of other subjects required in the various courses or electives that may be taken by students in the College of Agriculture can be found by referring to the index.

FOUR-MONTHS AND ONE-YEAR COURSES

Students 18 years old or over, who desire more knowledge in Agriculture either along general lines or in some special field such as Dairying, Poultry Husbandry, Fruit Growing, etc., may enter at the beginning of either the first or second semester, and select from the list of subjects below such as they think will be of greatest value to them. They are expected to take not less than 18 nor more than 21 hours per week.

Those having only a knowledge of common school branches should select first the subjects numbered below 100. Those with High School or College training may at once select those marked above 100.

Each semester is, as nearly as possible, complete in itself; a student may, therefore, attend but one semester a year and continue doing so till four semesters have been completed.

Certificates will be granted on completion of courses undertaken.

Name of Course	Nature of Work	Hours per Week
	First Semester	
Agricultural Economics 301	Fundamental Principles	3
Agricultural Engineering 21	Farm Machinery	3
Agricultural Engineering 301	Drainage and Irrigation	3
Agricultural Engineering 303	Farm Shop	3
Agricultural Engineering 401	Farm Buildings	3
Agronomy 21	Elements of Agronomy	2
Agronomy 201	Farm Crops	3
Animal Husbandry 21	Elements of Animal Husbandry	3
Animal Husbandry 201	Animal Feeding	2
Animal Husbandry 203	Beef Production	3
Chemistry 101	General Chemistry	5
Dairying 201	Farm Dairying	3
Entomology 21	Farm, Garden and Orchard Insects	3
Entomology 405	Insecticides and Fungicides	3
Horticulture 21	Elements of Horticulture	3
Horticulture 101	Plant Propagation	3
Horticulture 301	Advanced Trucking	3
Horticulture 303	Floriculture	3
Horticulture 305	Citrus Culture	3
Horticulture 307	Subtropical Fruits	3
Plant Pathology 301	General Pathology	4
Plant Pathology 303	Diseases of Florida Crops	3
Poultry Husbandry 21	Poultry Essentials	3
Poultry Husbandry 301	Commercial Poultry Keeping	3
Veterinary Science 301	Farm Sanitation	2

Second Semester

Agricultural Economics 54	Farm Management	3
Agricultural Engineering 202	Farm Machinery	4
Agricultural Engineering 302	Farm Motors	3
Agricultural Engineering 402	Farm Concrete	2
Agronomy 22	Elements of Agronomy	2
Agronomy 304	Forage Crops	3
Animal Husbandry 102	Types and Breeds of Animals	3
Animal Husbandry 202	Animal Breeding	2
Animal Husbandry 204	Swine Production	2
Botany 22	Agricultural Botany	3
Chemistry 104	General Chemistry	5
Dairying 22	Elements of Dairying	3
Dairying 202	Dairy Management	3
Entomology 302	Economic Entomology	4
Entomology 406	Fungicides and Insecticides	3
Horticulture 202	Fundamentals of Fruit Production	3
Horticulture 204	Pruning	3
Horticulture 206	Trucking	3
Horticulture 306	Citrus Harvesting, Marketing, etc.	3
Horticulture 308	Deciduous Fruits	3
Plant Pathology 22	Diseases and Insects of Citrus	3
Plant Pathology 304	Diseases of Florida Crops	3
Poultry Husbandry 202	Farm Poultry	3
Poultry Husbandry 303	Commercial Poultry Keeping	3
Veterinary Science 302	Veterinary Elements	2

COURSES OF STUDY

For description of courses offered by the College of Agriculture, see Departments of Instruction section.

THE AGRICULTURAL EXPERIMENT STATION

WILMON NEWELL, *Director*

AIM AND SCOPE—The Agricultural Experiment Station is an institution founded by Congressional act, for the purpose of acquiring and diffusing agricultural knowledge. From the enacting clause it is evident that Congress intended to establish in connection with every college and university receiving the benefits of the original "Land-Grant Act" an institution for purely investigational work.

The Florida Agricultural Experiment Station was founded in 1887 and has continued without interruption since that time. As a part of its funds are obtained from Federal sources, it must comply with the Federal law and use its income for acquiring new and important knowledge in regard to crops, soils and livestock, and for research in agriculture and home economics. No funds can be expended, either directly or indirectly, for teaching purposes or for holding farmers' institutes, and only 5 per cent for buildings or repairs. In order to receive the benefits of the Adams, Hatch and Purnell funds, the Station must, before any money is spent in investigation, submit plans or projects for proposed experiments to the United States Department of Agriculture for approval.

LOCATION—The advantages of having the Agricultural Experiment Station at the University are obvious. The research workers deliver popular and technical lectures, either to the student-body as a whole or to special clubs and local organizations. The experimental fields and orchards as well as the research laboratories contribute to the opportunities of students for studying methods of scientific investigation. Some with special aptitude have an opportunity of assisting the specialists in charge. Minor positions, such as those of laboratory assistants, are occasionally open, and whenever practicable are given to students of the University.

EQUIPMENT—The Station occupies all the space in the three-story Agricultural Experiment Station Building, including research laboratories of Agronomy, Animal Husbandry, Chemistry, Entomology, Agricultural Economics, Home Economics, Plant Pathology and Physiology. The library and mailing rooms are located in the Horticulture Building.

LINES OF INVESTIGATION—The lines of investigation conducted by the station fall naturally into several departments: Agronomy, Agricul-

tural Economics, Animal Husbandry, Chemistry, Cotton Investigations, Entomology, Home Economics, Horticulture, Plant Pathology and Veterinary Science. The work of the Station is, however, not sharply divided among these different departments. The staff formulates what are known as projects, the work of which is continued regardless of whether its ramifications take it into one or another department, and frequently two or more departments are engaged in the solution of the same problem.

PROJECTS—Some of the more important projects are:

The study of soils and fertilizers on citrus, pecans, farm and truck crops, in relation to plant growth and development.

The study of citrus diseases.

The study of vegetable diseases.

The study of the control of root-knot and vegetable insects.

The study of pecan diseases, insects, varieties and cultural methods.

Control of aphids and other citrus insects.

Comparison of rations for economical milk and pork production.

The study of tobacco diseases and insects.

Cooperative experiments with farmers in various sections of the State to ascertain the value of new forage crops and grasses.

Testing native and newly introduced grasses to determine their value as permanent pastures.

Citrus breeding work.

Adaptation test plots of fruits, vegetables, cereals, grass and forage crops on muck soils.

The study of livestock and poultry diseases.

The study of the control of cotton diseases and insect pests.

Cotton breeding work.

Corn breeding and variety tests.

Phenological studies on truck crops in Florida.

Physiology of Fruit Production.

The study of the limiting factor in the production of Vitamin A.

Economic studies of various crops and farming areas.

BRANCH STATIONS—Branch stations have been established at the following locations and for the indicated purposes: at Lake Alfred for the special study of problems of the citrus grower; at Quincy for the study of the problems of particular interest to the tobacco grower; and at Belle Glade for the purpose of making investigations, tests and experiments in agricultural problems as applied to conditions of the Everglades.

FIELD LABORATORIES—Field laboratories have been established at Hastings for the study of Irish potato diseases, at Cocoa for certain citrus investigations, at Sanford for investigation of celery problems, at Plant City for the study of strawberry diseases, at Homestead and Bradenton for the study of Tomato Nail Head Rust Disease, and at Monticello for study of pecan insects and diseases.

PUBLICATIONS—The publications fall into three classes: Bulletins, Press Bulletins and Annual Reports. The bulletins contain more or less complete results of particular investigations. At least four are issued annually: 201 have appeared to date. The press bulletins are prepared in order to bring to the citizens of Florida information connected with the investigations that are being carried on, before all the work necessary for the publishing of a bulletin has been completed. They are issued at short intervals, 408 having already appeared. The annual reports contain a brief statement of the work done, as well as of the expenditure of funds. Thirty-nine have been published. All of these publications are distributed free upon request to the Director.

THE AGRICULTURAL EXTENSION DIVISION

WILMON NEWELL, *Director*

STAFF—A. With headquarters at Gainesville: Wilmon Newell, A. P. Spencer, H. G. Clayton, R. W. Blacklock, Hamlin L. Brown, E. F. DeBusk, N. R. Mehrhof, J. F. Cooper, J. Lee Smith, W. T. Nettles, Lucy Belle Settle.

B. With headquarters at Tallahassee: Flavia Gleason, Virginia P. Moore, Ruby McDavid, Isabelle S. Thursby, Mary A. Stennis, Mary E. Keown.

C. With headquarters at Tallahassee (A. & M. College for Negroes): A. A. Turner, Julia A. Miller.

D. Revised list of County and Home Demonstration Agents.

County	County Agents	Address	Home Dem. Agents
Alachua	F. L. Craft	Gainesville	Mrs. Grace F. Warren
Bradford	T. D. Rikenbaker	Starke	
Brevard	W. R. Briggs	Cocoa	
Broward	C. E. Matthews	Ft. Lauderdale	Miss Ethyl Holloway
Calhoun	J. G. Kelley	Blountstown	Miss Josephine Nimmo
Charlotte		Punta Gorda	Miss May Winfield
Citrus	I. R. Nolen	Inverness	Mrs. Elizabeth W. Moore
Dade	J. S. Rainey	Miami	Miss Pansy Norton
Dade (Asst.)	C. A. Steffani	Homestead	
Dade (Asst.)		Miami	Miss Carrie Torbert
Duval	W. L. Watson	Jacksonville	Miss Pearl Laffitte
Duval (Asst.)	J. O. Traxler	Jacksonville	
Duval (Asst.)	C. H. Magoon	Jacksonville	

County	County Agents	Address	Home Dem. Agents
Escambia	E. P. Scott	Pensacola	Miss Della Stroud
Flagler	L. T. Nieland	Bunnell	
Gadsden		Quincy	Miss Elise Laffitte
Hamilton	J. J. Sechrest	Jasper	
Hernando	John H. Logan	Brooksville	Mrs. Florence Albert
Highlands	L. H. Allsmeyer	Sebring	
Highlands		Punta Gorda	Miss May Winfield
Hillsboro	C. P. Wright	Plant City	
Hillsboro (East)		Plant City	Miss Motelle Madole
Hillsboro (West)		Tampa	Mrs. Mary S. Allen
Holmes		Bonifay	Mrs. Bettie A. Caudle
Indian River	W. E. Evans	Vero Beach	
Jackson	S. H. Rountree	Marianna	Miss Mary Sue Wigley
Jefferson	E. H. Finlayson	Monticello	Miss Ruby Brown
Lafayette	D. C. Geiger	Mayo	
Lake	C. R. Hiatt	Tavares	Miss Christine McFerron
Lee	W. P. Hayman	Ft. Myers	Miss Anna Mae Sikes
Leon	G. C. Hodge	Tallahassee	Mrs. Ruth C. Kellum
Levy	N. J. Allbritton	Bronson	
Madison	B. E. Lawton	Madison	
Manatee	L. H. Wilson	Bradenton	Miss Margaret Cobb
Marion	Clyde H. Norton	Ocala	Miss Tillie Roesell
Martin	C. P. Heuck	Stuart	
Nassau	A. S. Lawton	Fernandina	Miss Pearl Jordan
Okaloosa	J. W. Malone	Crestview	Miss Bertha Henry
Okeechobee	C. A. Fulford	Okeechobee	
Orange	K. C. Moore	Orlando	Mrs. Nellie W. Taylor
Osceola	J. R. Gunn	Kissimmee	Miss Albina Smith
Palm Beach	M. U. Mounts	W. Palm Beach	Miss Edith Y. Morgan
Palm Beach (Asst.)		W. Palm Beach	Miss Bernice Lyle
Pinellas	Wm. Gomme	Clearwater	Mrs. Joy Belle Hess
Polk	F. L. Holland	Bartow	Miss Lois Godbey
Polk (Asst)		Bartow	Miss Mosel Preston
Putnam		Palatka	Miss Bertha L. Vaden
St. Johns	E. H. Vance	St. Augustine	Miss Anna E. Heist
St. Lucie	A. Warren	Ft. Pierce	
Santa Rosa	John G. Hudson	Milton	Miss Martha Moore
Sarasota	P. M. Childers	Sarasota	
Sumter	I. R. Nolen	Inverness	
Suwannee	W. W. Green	Live Oak	
Taylor	R. S. Dennis	Perry	Mrs. Annabel Powell
Union	L. T. Dyer	Lake Butler	
Volusia	T. A. Brown	DeLand	Miss Orpha Cole
Wakulla	D. M. Treadwell	Crawfordville	
Walton	Mitchell Wilkins	DeFuniak Springs	Miss Eloise McGriff
Washington	Gus York	Chipley	

Negro Local Farm and Home Demonstration Agents

County	Farm Agent	Address	Home Dem. Agent
Alachua	W. P. Stockton	Gainesville	
Bradford	J. W. Keller	Starke	
Columbia	E. S. Belvin	Lake City	
Duval		Jacksonville	Olive L. Smith
Jackson	J. E. Granberry	Marianna	
Jefferson	M. E. Groover	Monticello	
Leon		Tallahassee	Alice W. Poole
Levy		Archer	Nancy Henderson
Marion	Wm. B. Young	Ocala	
Marion		Reddick	Idella Ransom
Madison		Madison	Althea Ayer
Orange		Orlando	Mamie E. Wright
Suwannee	C. T. Evans	Live Oak	
St. Johns		St. Augustine	Mary A. Caldwell
Sumter		Webster	Diana H. Finlayson

COOPERATIVE AGRICULTURAL EXTENSION WORK — The Agricultural Extension Division supports a system of practical education. It teaches the results of scientific experiments to the present and future farmer and housewife. A synopsis of this work includes:

(A) Demonstrations in agricultural and horticultural crops, dairying, hog raising, poultry raising, cooperative organizations, insect and disease control.

(B) Boys' agricultural clubs, including corn, pig and fat barrow, peanut, calf, potato, bee and citrus clubs.

(C) Home demonstration work including gardening, poultry, bee keeping, food conservation, nutrition, clothing, home improvement clubs, and civic improvement clubs.

(D) Extension schools, including Farmers Week held annually at the University, County and Home Demonstration Agents' annual meeting, boys' and girls' annual club meetings, and Extension Schools arranged by county agents.

(E) Demonstration work with colored farmers, including club work for boys and girls, and demonstration work with men and women.

SMITH-LEVER ACT—In accordance with the terms of the Smith-Lever Act, effective July 1, 1914, agricultural extension work is carried on cooperatively by the United States Department of Agriculture and the State of Florida. In addition to this, in 1919 Congress passed the Smith-Lever Supplementary Act appropriating an additional sum for the same purpose.

The purpose of these Acts may be seen from the following quotation:

"That cooperative agricultural extension work shall consist of giving of instruction and practical demonstration in agriculture and home economics to persons not attending or resident in said colleges in the several communities, and imparting to such persons information on said subjects through field demonstrations, publications, and otherwise; and this work shall be carried on in such a manner as may be mutually agreed upon by the Secretary of Agriculture and the State agricultural college or colleges receiving the benefits of this act."

FUNDS AVAILABLE—By the terms of the Smith-Lever Act the College of Agriculture receives from Congressional appropriations $10,000 annually and an additional sum which increased annually until 1922, the State each year appropriating an equal amount. The Legislature has enacted laws enabling the State to secure the benefits of both the original Smith-Lever, the Capper-Ketcham and the Supplementary Acts as well as making a direct State appropriation for placing agents in additional counties. The total amount of State and Federal funds available for the fiscal year ending June 30, 1929, is $205,073.96.

SCHOOLS OF INSTRUCTION FOR EXTENSION WORKERS

The annual meeting of the County and Home Demonstration Agents is held at the University of Florida. The purpose of this meeting is to give instruction and make plans for future work.

This is the one meeting of the year when extension workers from the United States Department of Agriculture and the State of Florida assemble for joint sessions to discuss the work with county and home demonstration agents.

As Agricultural Extension work in Florida is conducted according to a joint agreement with the federal government, it is very important that the Extension work in Florida should harmonize closely with that of other states.

This meeting is largely a series of conferences. Committees are appointed to make recommendations for the conduct of the work throughout the coming year.

BOYS' AGRICULTURAL CLUBS AND SHORT COURSES

Agricultural clubs are organized among the boys on the farms for the purpose of teaching them by practical demonstrations better methods of farming. Business men and agricultural organizations annually give successful boys free trips to the University to attend the Short Courses in Agriculture. This is done to stimulate greater interest in club work and has caused many boys to enter college for a four-year course. The Short Course is held from May 27 to June 1.

Frank E. Dennis of Jacksonville offers a $250 scholarship in the College of Agriculture to the State Pig Club Champion. Three $100 scholarships have been given annually by the Florida Bankers' Association.

The Chilean Nitrate of Soda Educational Bureau of New York offers a $100 scholarship for award in a corn club contest.

HOME DEMONSTRATION WORK

GIRLS' CLUBS—Girls between the ages of ten and eighteen are eligible for membership. Each member is required to undertake a definite piece of work under the leadership of her home demonstration agent. This club work enters into many phases of home life and is intended to teach the girls the best practices for the improvement and development of the rural home.

WOMEN'S HOME DEMONSTRATION CLUBS—Home demonstration clubs are organized by home demonstration agents for the benefit of the women of rural communities. These clubs have definite programs and, under

the leadership of the County Home Demonstration agent, undertake to carry out such programs as will improve home life.

Club Contests—Contests are conducted for the purpose of giving credit to club members for the work they have accomplished, to display the year's work so that it will be educational, and to stimulate interest in every phase of farm and home life. Exhibits are placed on display, record books are examined and rewards are based on quality, record and financial showing. Substantial prizes are offered to club members, such as scholarships to the University and to the State College for Women, and money or merchandise. The State Fair, Jacksonville, and South Florida Fair, Tampa, allot space for the products of boys' and girls' clubs, and provide liberal cash prizes to stimulate interest in these contests.

Publications—The publications of the Division include bulletins, circulars, annual reports, a club paper, a weekly clip-sheet for newspapers, and an annual calendar. The bulletins and circulars contain useful information on farm and home subjects, while the annual reports give details of the work accomplished by the staff and the county representatives. The weekly clip-sheet, or Agricultural News Service, contains items of news from the Agricultural Experiment Station, Extension Division and College of Agriculture, as well as timely information on varied agricultural topics. This sheet is sent to about 200 daily and weekly papers of Florida. The calendar contains suggestions on farm work in Florida for each month of the year.

These publications are free to citizens of the state, upon request to the Director.

Agricultural programs are put on the air over Station WRUF every Monday, Wednesday, and Saturday night from 6:30 to 7 o'clock. Talks are made by members of the College Agriculture faculty and the Experiment Station and Agricultural Extension Division staffs. Material supplied by the United States Department of Agriculture, and copies of questions received and answered by staff workers are read by the Assistant Agricultural Editor, who has charge of the agricultural programs.

The Florida National Egg Laying Contest—This contest is conducted under the supervision of the Agricultural Extension Division of the University. It is located at Chipley, Florida, and has capacity for housing 100 pens of contest birds. The purpose of the contest is to secure records on the production of breeding stock so that poultrymen of Florida will have the benefit of these records with a view of securing high producing breeding stock.

The contest is authorized by an Act of the legislature which provided for its establishment, maintenance, and upkeep, and which placed it under the supervision of the Agricultural Extension Division.

FARMERS WEEK

Beginning August 12, 1929; ending August 17, 1929.

Farmers Week is especially suited to the needs of the following classes: Farm men and farm women of all ages who recognize their need for some training in scientific agriculture in order to render more effective the practical knowledge they have already gained; young men who are compelled to drop out of school and yet desire to devote a short time to special preparation for work on the farm; city students who wish to fit themselves for farm life; colonists who wish information regarding Florida conditions and methods.

The laboratory equipment, the purebred livestock, and the farms will be available for instruction; the Agricultural Experiment Station and State Plant Board will afford opportunity for observation and inquiry. Care has been taken to meet the needs of practical farmers. The courses consist of lectures, laboratory work, and field observations and demonstrations in general field crops, soils, vegetable gardening, citrus, animal husbandry, dairying, poultry, veterinary science, bee culture, and agricultural engineering.

There are no age limits and no education requirements for admission. No tuition fee is charged.

EXPENSES—The necessary expenses for room and board will approximate $1.50 per day.

The University dormitories and dining room are available to those attending Farmers Week.

CORRESPONDENCE COURSES

Correspondence courses in agriculture are offered under the General Extension Division. See page 131.

AGRICULTURAL MEETINGS

A number of meetings of people interested in agriculture are held annually at the University. These find excellent accommodations and facilities, better for their purpose than anywhere else in the State. Laboratories, classrooms, and exhibits, as well as growing crops, barns and other equipment are placed freely at their service.

THE COLLEGE OF ENGINEERING AND ARCHITECTURE

J. R. Benton, *Dean*

GENERAL STATEMENT

The statement made here applies more particularly to Engineering; a corresponding statement is made later for the School of Architecture.

Aim and Scope—It is the aim of the College of Engineering and Architecture to furnish training such as will be useful to its graduates in the profession of engineering or related occupations. Its courses of instruction are similar to those of other American engineering schools of college grade; its graduates are prepared to fill such positions as are usually allotted to young engineers.

Scholastic training alone cannot make a competent engineer, any more than it can make a competent physician or lawyer. It can, however, fit a man to enter the profession of engineering; and it is an important element in ultimate success in that profession.

The work of the College is divided among courses of study of the following types: (1) Courses in the sciences fundamental to the practice of engineering, of which mathematics, physics, and chemistry are the most important; (2) courses in various branches of engineering practice in which these sciences are applied, such as structural, steam, or electrical engineering; (3) courses in practical work, such as mechanic arts, drafting, or surveying; and (4) courses contributing primarily to general culture, such as those in English.

Buildings and Equipment—The headquarters and principal building of the College is Engineering Hall, described on page 32. The Departments of Mechanical Engineering and of Drawing and Mechanic Arts, are housed in the Mechanical Engineering Building immediately east of Engineering Hall. Shop work is provided for in the south wing of Engineering Hall.

Part of the work of the College of Engineering and Architecture coincides with that of other colleges of the University; for such work the class-rooms and laboratories of the other colleges are utilized.

Admission—See pages 53-57. No students except adult special students are admitted with entrance conditions in any required entrance units.

Before registration all new students will be required to pass a qualifying examination, except those who have successfully completed a year's work of a regular curriculum in any recognized college, without any omission or change.

Pending the provision of enlarged facilities for instruction, the right is reserved to limit the number of freshmen admitted to the College of Engineering, to such number as can be properly accommodated with present facilities.

Admission after the work of a semester has begun is not ordinarily permitted, but will be allowed in cases of unavoidable emergency, up to two weeks after the opening of a semester.

BENTON ENGINEERING SOCIETY—The meetings of this society are devoted to addresses or discussions on technical subjects, or on affairs of general interest. This society also serves as the medium through which the student body of the College of Engineering and Architecture takes part in debates and athletic contests with other colleges of the University, and in other student enterprises. Every student registered in the College of Engineering and Architecture is eligible to membership and is expected to join.

STUDENT BRANCH OF THE AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS—Monthly meetings are held, for the discussion of topics in electrical science and its applications. Membership is open to seniors, juniors and sophomores in the electrical engineering course, under rules established by the American Institute. Members receive the Journal of the American Institute of Electrical Engineers, and enjoy other privileges of that national organization.

STUDENT CHAPTER OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS—Monthly meetings are held. Membership is open to seniors, juniors, and sophomores in civil engineering, under rules established by the American Society of Civil Engineers. Members receive the monthly Journal of that Society, and enjoy other privileges.

STUDENT BRANCH OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS—Monthly meetings are held. Under rules established by the American Society of Mechanical Engineers, membership is open to students who expect to go into the field of mechanical engineering. Members receive the Journal of the American Society of Mechanical Engineers, and enjoy other privileges of that society.

EXPENSES—See pages 42-45.

CURRICULA AND DEGREES—Four curricula, each requiring four years, are offered in engineering. They lead to the degrees of Bachelor of Science in Civil Engineering (B.S.C.E.), in Electrical Engineering (B.S.E.E.), in Mechanical Engineering (B.S.M.E.), and in Chemical Engineering (B.S.Ch.E.), respectively. A curriculum is offered in architecture, requiring four years, and leading to the degree Bachelor of Science in Architecture.

The work of the Freshman year is the same for all engineering students, and nearly the same for architectural students. The work in English, economics, mathematics, mechanics, and physics is the same throughout the curriculum for all engineering students, and nearly the same for architectural students. All engineering students take some work in chemistry, drawing, surveying, and shop practice, but the time devoted to these subjects varies in the different curricula.

The degree Civil Engineer (C.E.), Electrical Engineer (E.E.), Mechanical Engineer (M.E.), or Chemical Engineer (Ch.E.), may be granted to a graduate of the College of Engineering upon recommendation of the head of the department in which it is sought, and with the concurrence of the faculty of the College, provided the candidate submits evidence that he has had at least four years of practical engineering experience, of which two years must be responsible experience after graduation. By responsible experience is meant work in which the candidate must use his own initiative, as distinguished from the mere rendering of routine assistance. To obtain one of these degrees application should be made to the Dean of the College not later than April 1st preceding the Commencement at which the degree may be awarded.

The Bachelor degree (B.S.C.E., B.S.E.E., B.S.M.E., or B.S.Ch.E.) indicates merely the completion of a course of study in the theory of engineering; while the engineer degree (C.E., E.E., M.E., or Ch.E.) indicates demonstrated proficiency in the practice of some branch of engineering. Every student of engineering should look forward to obtaining one of these higher degrees eventually.

CURRICULUM FOR ENGINEERING

(The Freshman Year is the same for all Engineering Students)

Names of Courses	Hours per Week							
	1st Semester				*2nd Semester*			
Freshman Year	*	**	†	T	*	**	†	T
Descriptive Geom. 101-102	2	3	0	5	2	3	2	7
Drawing 101-102	0	0	5	5	0	0	3	3
English 101-102	3	6	0	9	3	6	0	9
Mathematics 151-152	3	6	0	9	3	6	0	9
Military Science 101-102	2	2	4	8	2	2	4	8
Physics 105-106	3	4	0	7	3	4	0	7
Physics 107-108	0	0	4	4	0	0	4	4
Shop 101	0	0	6	6	..	..	..	..
Surveying 101	..	..	..	..	1	2	3	6
	13	21	19	53	14	22	16	53

NOTE: Freshmen are required to take one semester each of Surveying and of Woodworking, but these two courses may be given in reverse order to that shown here, at the convenience of the departments concerned.

*Hours of recitation or lecture. **Estimated hours necessary for preparation. †Hours of laboratory, shop, field, or drafting-room work. T—Total hours.

CURRICULUM FOR CIVIL ENGINERING

Names of Courses	Hours per Week							
Sophomore Year								
	1st Semester				*2nd Semester*			
	*	**	†	T	*	**	†	T
Chemistry 101-102	3	6	4	13	3	6	4	13
Electrical Engineering 202	..	..	..	..	2	4	0	6
Electrical Engineering 204	..	..	..	..	0	0	2	2
Mathematics 251-252	3	6	0	9	3	6	0	9
Military Science 201-202	2	2	4	8	2	2	4	8
Physics 209	2	4	2	8	..	..	..	..
Shop 204	....	....	....	....	0	0	3	3
Surveying 201-202	2	3	6	11	2	3	3	8
	12	21	16	49	12	21	16	49
Junior Year								
	*	**	†	T	*	**	†	T
Applied Mechanics 315-316	4	8	2	14	4	8	2	14
Bacteriology 308					1	0	4	5
Economics 307	3	6	0	9	..	..	..	..
Graphic Statics 306	..	..	..	..	2	2	4	8
Highways 303-304	2	3	0	5	1	2	3	6
Mathematics 351-352	2	4	0	6	2	4	0	6
Materials of Engineering 319	2	4	0	6	..	..	..	..
Railroads 301-302	2	4	2	8	1	1	3	5
Testing Laboratory 310	..	..	..	..	0	0	2	2
	15	29	4	48	11	17	18	46
Senior Year								
	*	**	†	T	*	**	†	T
Chemistry 215	2	0	3	5	..	..	..	..
Concrete Design 412	..	..	..	..	2	2	3	7
Contracts and Specifications 405	2	2	0	4	..	..	..	..
English 411-412	0	3	0	3	0	3	0	3
Geology 201	3	6	0	9	..	..	..	..
Human Engineering 410	..	..	..	..	2	2	0	4
Hydraulics 407	2	4	2	8	..	..	..	..
Hydraulic Engineering 408	..	..	..	..	2	4	0	6
Municipal Sanitation 409	2	5	3	10	..	..	..	..
Structural Engineering 403-404	2	3	3	8	2	3	6	11
Water Supply 410	..	..	..	..	3	6	4	13
	13	23	11	47	11	20	13	44

*Hours of recitation or lecture. **Estimated hours necessary for preparation. †Hours of laboratory, shop, field, or drafting-room work. T—Total hours.

CURRICULUM FOR ELECTRICAL ENGINEERING

Names of Courses	Hours per Week							
Sophomore Year								
	1st Semester				*2nd Semester*			
	*	**	†	T	*	**	†	T
Chemistry 101-102	3	6	4	13	3	6	4	13
Drawing 201-202	0	0	3	3	0	0	3	3
Electrical Engineering 202	..	..	..	..	2	4	0	6
Electrical Engineering 204	..	..	..	..	0	0	2	2
Mathematics 251-252	3	6	0	9	3	6	0	9
Mechanism 201-202	2	3	0	5	2	3	0	5
Military Science 201-202	2	2	4	8	2	2	4	8
Physics 209	2	4	2	8	..	..	..	..
Shop 201-202	0	0	3	3	0	0	3	3
	12	21	16	49	12	21	16	49
Junior Year								
	*	**	†	T	*	**	†	T
Applied Mechanics 315-316	4	8	2	14	4	8	2	14
Economics 307	3	6	0	9	..	..	..	..
Electrical Engineering 311-302	2	4	0	6	3	6	0	9
Electrical Engineering 313-304	0	0	2	2	0	0	4	4
Machine Elements 301-302	0	0	3	3	2	2	3	7
Materials of Engineering 319	2	4	0	6	..	..	..	..
Mathematics 351-352	2	4	0	6	2	4	0	6
Thermodynamics 310	..	..	..	..	3	6	0	9
	13	26	7	46	14	26	9	49
Senior Year								
	*	**	†	T	*	**	†	T
Contracts and Specifications 405	2	2	0	4	..	..	..	..
Elective	..	..	..	..	2	4	0	6
Electrical Engineering 401-402	3	6	0	9	3	6	0	9
Electrical Engineering 403-404	0	0	3	3	0	0	3	3
Electrical Engineering 405-406	1	2	2	5	1	2	2	5
English 411-412	0	3	0	3	0	3	0	3
Human Engineering 410	..	..	..	..	2	2	0	4
Hydraulics 407	2	4	2	8	..	..	..	..
Mechanical Laboratory 420	..	..	..	..	0	0	4	4
Power Engineering 421	3	6	0	9	..	..	..	..
Power Engineering 424	..	..	..	..	3	6	0	9
Shop 401	0	0	6	6	..	..	..	..
	11	23	13	47	11	23	9	43

CURRICULUM FOR MECHANICAL ENGINEERING

Names of Courses	Hours per Week							
Sophomore Year								
	1st Semester				*2nd Semester*			
	*	**	†	T	*	**	†	T
Chemistry 101-102	3	6	4	13	3	6	4	13
Drawing 201-202	0	0	3	3	0	0	3	3
Electrical Engineering 202	..	..	..	..	2	4	0	6
Electrical Engineering 204	..	..	..	..	0	0	2	2
Mathematics 251-252	3	6	0	9	3	6	0	9
Mechanism 201-202	2	3	0	5	2	3	0	5
Military Science 201-202	2	2	4	8	2	2	4	8
Physics 209	2	4	2	8	..	..	..	..
Shop 201-202	0	0	3	3	0	0	3	3
	12	21	16	49	12	21	16	49
Junior Year								
	*	**	†	T	*	**	†	T
Applied Mechanics 315-316	4	8	2	14	4	8	2	14
Economics 307	3	6	0	9	..	..	..	..
Kinematic Drawing 305-306	0	0	3	3	0	0	3	3
Machine Elements 301-302	0	0	3	3	2	2	3	7
Materials of Engineering 319-320	2	4	0	6	2	4	0	6
Mathematics 351-352	2	4	0	6	2	4	0	6
Shop 301-304	0	0	4	4	0	0	4	4
Thermodynamics 310	..	..	..	..	3	6	0	9
	11	22	12	45	13	24	12	49
Senior Year								
	*	**	†	T	*	**	†	T
Contracts and Specifications 405	2	2	0	4	..	..	..	..
Electrical Engineering 417-418	3	6	3	12	0	0	3	3
Human Engineering 410	..	..	..	..	2	2	0	4
Hydraulics 407	2	4	2	8	..	..	..	..
Hydraulic Engineering 408	..	..	..	..	2	4	0	6
Mechanical Design 411-412	2	2	4	8	2	2	4	8
Mechanical Laboratory 417-418	0	0	4	4	0	0	4	4
Power Engineering 421-422	3	6	0	9	3	6	0	9
Power Engineering 424	..	..	..	..	3	6	0	9
	12	20	13	45	12	30	11	43

*Hours of recitation or lecture. **Estimated hours necessary for preparation. †Hours of laboratory, shop, field, or drafting-room work. T—Total hours.

CURRICULUM FOR CHEMICAL ENGINEERING

Names of Courses	Hours per Week							
Sophomore Year								
	1st Semester				*2nd Semester*			
	*	**	†	T	*	**	†	T
Chemistry 101-102	3	6	1	13	3	6	4	13
Chemistry 212	..	..	..	..	1	0	7	3
German or French	3	6	0	9	3	6	0	9
Mathematics 251-252	3	6	0	9	3	6	0	9
Military Science 201-202	2	2	4	8	2	2	4	8
Physics 209	2	4	2	8	..	..	..	..
	13	24	10	47	12	20	15	47
Junior Year								
	*	**	†	T	*	**	†	T
Applied Mechanics 315-316	4	8	2	14	4	8	2	14
Chemistry 251-252	3	6	4	13	3	6	4	13
Chemistry 301-302	0	0	6	6	0	0	6	6
Economics 307	3	6	0	9	..	..	..	..
Electrical Engineering 202	..	..	..	..	2	4	0	6
Electrical Engineering 204	..	..	..	..	0	0	2	2
Mathematics 351-352	2	4	0	6	2	4	0	6
	12	24	12	48	11	22	14	47
Senior Year								
	*	**	†	T	*	**	†	T
Chemistry 321-322	2	4	2	8	2	4	2	8
Chemistry 341-342	3	6	0	9	3	6	0	9
Chemistry 344	..	..	..	..	0	0	6	6
Chemistry 351	3	6	0	9	..	..	..	..
Chemistry 413-414	0	0	6	6	0	0	4	4
Contracts and Specifications 405	2	2	0	4	..	..	..	..
English 411-412	0	3	0	3	0	3	0	3
Human Engineering 410	..	..	..	..	2	2	0	4
Hydraulics 407	2	4	2	8	..	..	..	..
Thermodynamics 310	..	..	..	..	3	6	0	9
	12	25	10	47	10	21	12	43

*Hours of recitation or lecture. **Estimated hours necessary for preparation. †Hours of laboratory, shop, field, or drafting-room work. T—Total hours.

COURSES OF STUDY

For description of courses offered by the College of Engineering and Architecture, see Departments of Instruction section.

THE SCHOOL OF ARCHITECTURE

RUDOLPH WEAVER, *Director*

AIM AND SCOPE—The School of Architecture has been established to furnish training in Architecture and Allied Arts. The work in Architecture is of four years duration, leading to the bachelor's degree.

The demand for courses in Commercial Art has been met by the introduction of a curriculum which, in progressive stages, would prepare a student to enter the fields of Advertising Design, Illustration and Mural Painting.

The courses are designed to prepare graduates for those fields of endeavor in which utility is combined with beauty. The demand for buildings for many uses, their decoration and furnishing, has always been one of the major activities of the human race and this demand increases as civilization becomes more complex. This need requires a continuous supply of trained designers and craftsmen in the major and minor arts of building and in the related or allied arts. The American is requiring that buildings and articles of use shall be made beautiful as well as useful. It is the aim of the School of Architecture of the University of Florida to train students to meet these demands as designers, draftsmen, superintendents, constructors, teachers, etc., and ultimately as general practitioners or as specialists in their chosen field.

Due to the unusual climatic conditions which prevail in Florida it is possible to conduct out door classes in pencil, charcoal, and water color.

For requirements for admission to the regular four-year course, see page 55.

Special two or three-year courses may be arranged by consultation with the Director of the School of Architecture.

The Florida Chapter of the American Institute of Architects has voted funds for providing the School of Architecture with special lecturers selected from among its own ranks, and other prominent men in related fields.

The Florida Association of Architects has awarded a gold medal annually to the architectural student doing the best work throughout the year, and has also created a loan fund for deserving and needy students.

The Florida State Board of Architecture turns over to the School of Architecture the surplus funds derived from fees paid by those who take the examination to practice in Florida. This fund is a great aid in making

the library a first class research library for both students and practicing architects of Florida whose personal libraries may be inadequate for their uses.

Students who complete the full four-year course in Architecture are exempt from the examination of the Florida State Board of Architecture.

CURRICULUM FOR ARCHICTECTURE

Freshman Year

			First Semester			Second Semester		
Course	Number	Subject	**	T	Credit	**	T	Credit
Arch.	101-102	Architectural Design	0	9	3	0	6	2
Arch.	112	Elements of Beauty	0	0	0	2	3	1
Arch.	121-122	Freehand Drawing	0	6	2	0	6	2
*M. E.	101-102	Descriptive Geometry	3	5	2	3	5	2
Physics	105-106	General Physics	4	7	3	4	7	3
Physics	107-108	General Physics Lab.	0	4	2	0	4	2
Math.	151-152	Elementary Math. Analysis	6	9	3	6	9	3
English	101-102	Rhetoric and Composition	6	9	3	6	9	3
Mil. Sci.	101-102	Military Science	2	8	2	2	8	2
			21	57	20	23	57	20

Sophomore Year

Arch.	201-202	Architectural Design	0	9	3	0	9	3
Arch.	221-222	Freehand Drawing	0	6	2	0	6	2
Arch.	226	Elementary Water Color	0	0	0	0	6	2
Arch.	227	Perspective	0	6	2	0	0	0
Arch.	231-232	Architectural History	4	6	2	4	6	2
C. E.	101	Surveying	2	6	2	0	0	0
Math.	251-252	Dif. and Int. Calculus	6	9	3	6	9	3
Mod. Lang.			5	8	3	5	8	3
†Elective			0	0	0	0	6	2
Mil. Sci.	201-202	Military Science	2	8	2	2	8	2
			19	58	19	17	58	19

Junior Year

Arch.	301-302	Architectural Design	0	12	4	0	9	3
§Arch.	310	Residence Design	0	0	0	0	3	1
Arch.	314	Theory of Composition	0	0	0	2	3	1
Arch.	321	Freehand Drawing	0	6	2	0	0	0
Arch.	331-332	Architectural History	4	6	2	4	6	2
Arch.	351	Frame Construction	3	5	2	0	0	0
Arch.	352	Masonry Construction	0	0	0	3	5	2
¶M. E.	315-316	Applied Mechanics	8	14	5	8	14	4
C. E.	308	Graphic Statics	0	0	0	2	6	2
Mod. Lang			5	8	3	5	8	3
Elective			0	6	2	0	0	0
			20	57	20	24	54	18

Senior Year

Arch.	401-402	Architectural Design	0	15	5	0	15	5
Arch.	416	Professional Practice	0	0	0	2	3	1
Arch.	435	Decorative Arts	2	3	1	0	0	0
Arch.	454	Concrete Design	0	0	0	4	6	2
Arch.	455	Working Drawings	0	6	2	0	0	0
‡Arch.	464	Heating and Ventilating						
‡Arch.	466	Electric Lighting	0	0	0	8	9	3
‡Arch.	468	Plumbing						
C. E.	403-404	Structural Engineering	3	8	3	3	11	4
Economics	307	Introduction to Econ.	6	9	3	0	0	0
English	412	Engineering Exposition	0	0	0	2	3	1
Elective			8	12	4	4	6	2
			19	53	18	23	53	18

BASIC COURSE PREPARATORY TO ADVERTISING DESIGN, ILLUSTRATION AND MURAL PAINTING

Freshman Year

			First Semester			*Second Semester*		
COURSE	NUMBER	SUBJECT	**	T	CREDIT	**	T	CREDIT
Arch.	121-122	Freehand Drawing	0	6	2	0	6	2
Arch.	0228-228	Modeling	0	6	2	0	6	2
Arch.	112	Elements of Beauty	0	0	0	2	3	1
Painting	103-104	Pictorial Composition	5	6	2	5	6	2
Painting	107	Abstract Design	0	3	1	0	0	0
Painting	115-116	Poster Design	3	6	2	3	6	2
Painting	117-118	Advertising Design	0	6	2	0	6	2
English	101-102	Rhetoric and Comp.	6	9	3	6	9	3
History	101-102	Europe during Mid. Ages	6	9	3	6	9	3
Mod. Lang.			6	9	3	6	9	3
			26	60	20	28	60	20

Sophomore Year

Arch.	221-222	Freehand Drawing	0	6	2	0	6	2
Arch.	226	Water Color	0	0	0	0	6	2
Arch.	227	Perspective	0	6	2	0	0	0
Painting	203-204	Pictorial Composition	5	6	2	5	6	2
Painting	207-208	Abstract Design	0	3	1	0	3	1
Painting	211-212	Oil Painting	0	9	3	0	9	3
Painting	215-216	Poster Design	3	6	2	3	6	2
Painting	219-220	Illustration	0	6	2	0	6	2
History	201-202	Mod. European History	6	9	3	6	9	3
Mod. Lang.			6	9	3	6	9	3
			20	60	20	20	60	20

**Estimated hours per week necessary for preparation.

T—Total estimated hours per week, lecture, laboratory and preparation.

*When the class in Descriptive Geometry arrives at the subject of shades and shadows Architectural students are given this instruction in the School of Architecture.

†Elective. Students are advised to take Arch. 228, Modeling, for their elective.

‡One-third of the semester is given to each of these subjects in succession.

§Arch. 302 and 310 are taught at the same period in succession.

¶Omitting that part of the second semester that deals with dynamics.

COURSES OF STUDY

For description of courses offered by the School of Architecture, see Departments of Instruction section.

ENGINEERING EXPERIMENT STATION

J. R. Benton, *Director*

The Engineering Experiment Station is an organization in the College of Engineering for the purpose of investigating problems of importance to professional engineers and to the industries of manufacturing, transportation and public utilities. The station had its inception by an act of the Board of Control on February 11, 1929.

Researches may be carried on either by full time research workers or by the use of part of the time of the members of the teaching staff, or by graduate assistants under the direction of the heads of the engineering departments.

The Engineering Experiment Station is prepared to undertake research investigations under cooperative arrangements with outside industries, by which the expense of the work will be shared between the interested industry and the Engineering Experiment Station. Further information can be obtained by addressing J. R. Benton, Engineering Experiment Station, University of Florida.

Some of the research projects now being prosecuted are: Bearing value of Florida soils for highways; study of utilization of some Florida clays; heat transmission through palmetto wall board; heating value of Florida peats; efficiency and performance of solar heaters; study of operation of Imhoff method of sewage; and, the study of Tung oil in lacquers.

THE COLLEGE OF LAW

HARRY R. TRUSLER, *Dean*

GENERAL STATEMENT

AIM AND SCOPE—In 1891, the American Bar Association declared that in its opinion it was a part of the highest duty and interest of every civilized state to make provision for maintaining schools of law for the thorough legal education of all who are licensed to practice law. Recognizing the soundness of this statement and desiring to discharge this duty, the State Board of Education and the Board of Control provided for the opening of the College of Law in the University in September, 1909. The advantages accruing to the State from having, as a part of its educational system, a thorough and systematic course of instruction in the common law, with special consideration of the peculiarities and exceptions applicable in Florida, are many and evident.

It was the purpose of the Board of Control to establish a law school which, by the quality of its work and character of its equipment, would merit and command the confidence and support of the bench and bar. That the hope of accomplishing these results was well founded is shown by the number and character of those who have availed themselves of the advantages offered.

REQUIREMENTS FOR ADMISSION—In addition to the requirement of sixteen entrance units (see page 54), two years of college work, defined as sixty-eight credits acceptable for a bachelor's degree, must be presented by candidates. Evidence of this work must be furnished on or before the date of admission. One credit is equivalent to one semester hour.

No specific course of studies is prescribed for the college work required for admission; but, in general, students are advised to pursue the course offered by the College of Arts and Sciences. Thereby it will be easier for them to complete the combined academic and law course should they so desire.

SPECIAL STUDENTS—The practice of admitting special students (i. e., those not meeting the requirements for admission) has been discontinued.

WOMEN STUDENTS—By an Act of the Legislature of 1925, women who are twenty-one years of age and who fully meet the entrance requirements above mentioned may enter as candidates for degrees.

ADVANCED STANDING—No work in law done in other institutions will be accepted towards a degree, unless the applicant passes satisfactorily

the examinations held in the subjects in question in this College, or unless credit is given without examination. Credit from schools which are members of the Association of American Law Schools, of which this College is a member, will be accepted without examination.

EXAMINATIONS—The last week of each semester is devoted to searching examinations covering the work of the semester.

All students, unless excused by the Dean, must present themselves for the regular examination in all the subjects for which they are registered. A student who has made a semester grade of R is entitled to a re-examination in that subject under the rules as printed on page 40.

UNIVERSITY PRACTICE COURTS—Thoroughly organized practice courts are regular features of the third year of the curriculum. The object is to give the student practical instruction in pleading and practice at law and in equity, and experience in the preparation and trial of cases. The work is arranged as follows:

FIRST—Cases arising upon prepared statements of fact are assigned, upon which the students are to determine what proceedings to bring and how to bring them, issue, serve, and return process, prepare the pleadings, and to bring the case to an issue on a question of law. The case is heard on the sufficiency of the form and the structure of the pleadings; when these are approved the issue of law is argued and decided, the students acting as attorneys drawing the order, judgment, or decree to which they deem themselves entitled.

SECOND—In the second class of cases, actual controversies are arranged and assigned for trial in the Circuit Court as issues of fact. After determining what action to bring, the students assigned to the case are required to issue the proper process and prepare and file the necessary pleadings, subpoena the witnesses, select the jury, examine and cross-examine the witnesses, and argue the case to the jury. Each student is required to participate in the trial of at least one common-law, one equity, and one criminal case, and is instructed in appellate procedure.

The Practice Court is conducted by Professor TeSelle.

LIBRARY—The Law Library contains:

Three sets of Florida Reports with Wurts' Digest (both editions); Shepard's Florida Citations; The Session Laws of Florida from 1822 to 1921, except from 1828 to 1834; McClellan's Digest and Duval's Compilation of the Laws of Florida; Revised Statutes of 1892, three sets of the General Statutes of 1906; two sets of Florida Compiled Laws of 1914; eight sets of the Revised General Statutes of Florida, 1920; Florida Cumulative Statutes, 1925; Reports of the Florida Railroad Commission, the Attorney General of Florida, the Interstate Commerce Commission, and the Land Decisions of the Department of the Interior; Federal Statutes Annotated; Thorpe's American Charters, Constitutions and Organic Laws; Hinds' Precedents of the House

of Representatives; the Northwestern, Southwestern, Northeastern, Southeastern, Atlantic, Pacific, and Southern Reporters; the American Decisions, American Reports, and American State Reports, with digests; the American Annotated Cases, with digests; the American and English Annotated Cases, with digests; the Lawyers' Reports Annotated, old and new series, with digests; American Annotated Cases; American Law Reports; American Criminal Reports; the United States Supreme Court Reports, with digests; Rose's Notes; Federal Cases; Federal Reporter; Shepard's Federal, Florida, and Southern Citations; Stimson's American Statute Laws; the State Reports to the Reporters of Alabama, Arkansas, Connecticut, Delaware, Georgia, Illinois, Indiana, Iowa, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Hampshire, New Jersey, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Vermont, Virginia, West Virginia and Wisconsin; the District of Columbia Appeal Reports; the Porto Rico Federal Reports; the Hawaii Reports; the New York Court of Appeals Reports; the New York Common Law and Chancery Reports, with digests; the New York Supplement; the New York Supreme Court, Practice and Code, Surrogate, Superior Court, Common Pleas, and Criminal Reports; the Pacific State Reports, with digests, which include the California Reports, the Colorado Supreme Reports, the Colorado Appeals, the Idaho Reports, the Kansas Reports, the Montana Reports, the Nevada Reports, the New Mexico Reports, the Oregon Reports, the Utah Reports, the Washington Reports, and the Wyoming Reports to the Reporters; the Alaska Reports; the Reprint of the English Reports; the English Law Reports; Law Journal Reports; the British Ruling Cases, The English Ruling Cases; Dominion Law Reports; Mew's English Digest; English and Empire Digest; Halsbury's Laws of England; Upper Canada Reports; the Century, the Decennial, the Second Decennial, and the Key Number Digests; the Encyclopedia of Law and Procedure; Corpus Juris; the Encyclopedia of Forms; the Standard Encyclopedia of Procedure; two sets of Ruling Case Law; Words and Phrases; the Harvard, Pennsylvania, Columbia and Michigan Law Reviews, the Central Law Journal and Yale Law Journal; more than one hundred selected volumes for the class in Brief Making and the use of Law Books; and more than four hundred of the leading textbooks and books of reference.

A course of instruction is given in legal bibliography and the use of law books. Every facility, also, is offered law students to make use of the general library of the University, which contains many works of interest and information to lawyers.

Both libraries are open during the academic year on every secular day between the hours of 8:00 a. m. and 10:00 p. m., and are in charge of trained librarians, who render needed aid to students.

HENDERSON MEMORIAL LIBRARY—The College gratefully acknowledges the gift of the library of the late John W. Henderson of Tallahassee. This splendid collection of law books, containing volumes of rare value and historical importance, will be maintained intact in memory of its donor.

MARSHALL DEBATING SOCIETY—Early in the first year of the College the students organized a society that would secure to its members practice in debating and public speaking and experience in arguing legal questions, as well as drill in parliamentary law. The society was fittingly named "The Marshall Debating Society", in honor of the memory of the distinguished Southern jurist, John Marshall. Membership and work in the society are limited to students in the College of Law, but the Faculty give all possible assistance and encouragement.

University Privileges—The advantages of the other colleges of the University are open to such students in the College of Law as desire and are able to accept them. Courses in History, Economics, Sociology, Psychology, Logic, and English are particularly recommended.

Degrees—The degree of Bachelor of Laws (LL.B.) will be conferred upon those who satisfactorily complete eighty-five semester hours in law studies, which must include all of the first year subjects. Students admitted to advanced standing may receive the degree after one year's residence, but in no case will the degree be granted unless the graduate is in actual residence during all of the third year and obtains in this College credit for at least twenty-eight semester hours in law.

Students who have complied with all the requirements for the degree of Bachelor of Laws (LL.B.), who have maintained an average standing in their law studies 10 percent above the passing mark, and who have obtained the degree of A.B., or an equivalent degree, from an approved college or university, or who secure such degree the same year they complete their law course, will be awarded the degree of Juris Doctor (J.D.).

Combined Academic and Law Course—See page 63.

Combined Business and Law Course—See page 122.

Expenses—A tuition fee of $20.00 per semester, payable in advance is charged all law students, except those taking less than eleven hours of work, who are charged a proportional part of the full tuition. An additional fee of $100.00 is charged non-resident students. The cost of books for the first year will approximate $60.00; for the second, $65-$75, depending on the electives taken; for the third, $63.00. Students are urged to provide themselves with the statutes of their own state and a law dictionary. These books will form a nucleus for the student's future library; and by the purchase of second-hand books the cost may be materially reduced. See also pages 42-45.

Admission to the Bar—Upon presenting their diplomas, duly issued by the proper authorities, and upon furnishing satisfactory evidence that they are twenty-one years of age and of good moral character, the graduates of the College are licensed without examination, to practice in the courts of Florida. They also are admitted without examination to the United States District Court for the Northern District of Florida.

COURSES OF STUDY

For description of courses offered by the College of Law, see Departments of Instruction section.

TEACHERS COLLEGE

J. W. NORMAN, *Dean*
G. B. SIMMONS, *Assistant Dean*

GENERAL STATEMENT

AIM AND SCOPE—The main purpose of the Teachers College is to furnish such training as will be most useful to its students in the profession of teaching. It is the policy of Teachers College, emphasized on many occasions, that its graduates shall know much about the subjects they expect to teach, but it is equally as important that they should be resourceful in teaching a class and skilful in managing a school, or a system of schools. This College attempts to give both kinds of training. More specifically, it prepares its students for positions as teachers, principals, supervisors and county or city superintendents of public instruction. It strives also to develop in its students a keen insight into human affairs, human relationships and human problems. About one-fourth of a student's time is devoted to professional subjects in Education, the other three-fourths to Arts and Science subjects.

ADMISSION—For a complete explanation of admission requirements, see page 54.

RESIDENCE REQUIREMENT—In order to receive a degree, or Normal Diploma, from Teachers College, students must have spent at least one scholastic year in residence (three summer schools may be considered equivalent to a year in residence), and must have completed 30 credits of college work in residence. These 30 credits, except on one condition, must be the last which one takes immediately prior to graduation. The exception is the case of students who take their degrees by attendance at the Summer School, in which case 12, but never more, credits of work by correspondence may be taken during the ten (10) months just prior to the summer session in which the degree is received. In every case, students must have completed 30 credits of work in residence and must have been in attendance at the summer session or scholastic term immediately prior to receiving the degree.

AMOUNT OF CORRESPONDENCE WORK PERMITTED—Students are not permitted to complete more than fifty percent (50%) of the work toward a degree by correspondence.

Correspondence study courses may not at any time be offered to satisfy the residence requirements.

Students will not be permitted to take work by correspondence while they are in residence, without the consent of the Dean of Teachers College.

Vocational Education—By act of the Legislature of 1917 the University was designated as the institution, under the Smith-Hughes Act, for training teachers for Agriculture and for Trades and Industries. A curriculum for Agricultural Education has been outlined. It is hoped that a large number of students will register for these courses, as many teachers of these subjects are needed in Florida at present and good salaries are paid.

Peabody Hall—A description of Peabody Hall, the home of the College, is to be found on page 33.

Peabody Club—This club meets once a week to discuss educational problems, especially those that confront the young teacher. It also brings out the advantages of holding teachers' meetings and conferences. All students of the College are urged to become members and to take an active interest.

Scholarships—The Legislature in 1923, enacted a scholarship law providing for two scholarships from each county in the State, one to the Teachers College of the University of Florida, and one to the School of Education at the Florida State College for Women. At the 1927 session of the Legislature, this Act was amended to provide as many scholarships as there are legislators and senators in the State Legislature. Each of these scholarships may be held for four years by the successful applicant and carries a stipend of $200.00 per year. These scholarships may be applied for summer school, paying $50.00 per summer, to regularly enrolled Teachers College students. Examinations are held in each county on the first Thursday in June and the third Thursday in September, under the supervision of the county superintendent. A student to be considered as an applicant for a scholarship must present sixteen college entrance units. These scholarships are awarded upon competitive examinations to persons satisfying the entrance requirements of the University of Florida and of the Florida State College for Women. A student who desires to be considered as an applicant for a scholarship should make his desire known to his county superintendent before the first of May of each year. He should also write to the State Superintendent of Public Instruction at Tallahassee, telling him of his application for the scholarship.

TEACHING FELLOWSHIPS—For a complete statement about teaching fellowships, see page 46.

HIGH SCHOOL VISITATION—Through Dr. Joseph Roemer, Professor of Secondary Education, the University strives to keep in close touch with the high schools of the state. Part of his time is taken up with visiting the high schools and lending such aid and encouragement as will be productive of stronger high schools and a closer connection between them and the University.

TEACHERS EMPLOYMENT BUREAU—The Teachers College desires to serve the whole state in every possible way. For this purpose a Teachers' Employment Bureau has been instituted and is open throughout the year. From school officials it receives requests for teachers. From teachers it receives requests for information as to vacancies. It files such information and tries, when called upon, to meet the needs of both teachers and school officials. To be of greatest service it invites the cooperation of superintendents, principals, and teachers. Officials needing trained men or women, and teachers desiring promotion or change, are asked to call upon the Bureau for its aid. No charges are made for services. For information, address Director of the Employment Bureau, or Dean of Teachers College, University of Florida, Gainesville, Florida.

STATE CERTIFICATES—Graduates of the Teachers College are granted Graduate State Certificates without further examinations. It is well for the student to note that a Gradutae State Certificate permits him to teach only those subjects in which he has specialized in his college course. This will ordinarily mean that a subject must have been pursued for at least two years in college before a certificate to teach that subject will be granted. In case a student has pursued a subject for three or four years in high school, however, this rule may sometimes be abrogated.

Graduate State Certificates may be converted into Life Certificates by "presenting satisfactory evidence of having taught successfully for a period of twenty-four months under a Graduate State Certificate, and presenting endorsement of three holders of Life State, Life Graduate State, or Life Professional Certificates."

DEGREES—Four bachelor degrees are granted upon the completion of four years of college work. They are: Bachelor of Arts in Education, Bachelor of Science in Education, Bachelor of Science in Agricultural Education, and Bachelor of Science in Physical Education. In addition the Normal Diploma, sometimes called the L. I. Degree, is granted upon the completion of the two years of required work for this degree.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS IN EDUCATION AND BACHELOR OF SCIENCE IN EDUCATION

One hundred and thirty-two (132) credits are required for either the Bachelor of Arts in Education or the Bachelor of Science in Education. These credits consist of the following divisions:

(1) Constants which are required of all applicants for these degrees;

(2) Group requirements, among which the student has considerable choice;

(3) Free electives.

CONSTANTS—In further explanation of the first of these divisions the following constants are required of applicants for these two degrees:

For Freshmen:	
Physical Education 101-102	2 credits
*Military Science 101-102	4 "
English 101-102	6 "
Education 101	3 "
Education 102 or Education 103	3 "
For Sophomores:	
*Military Science 201-202	4 "
Philosophy 201	3 "
Education 203	3 "
Education 207	3 "
For Juniors:	
Education 301	3 "
Education 308	3 "
For Seniors:	
Education 401	3 "
Education 403	3 "
Education 405	3 "
**Education 404	3 "
**Education 408	3 "

GROUPS—In addition to the constants, each applicant for the degree of Bachelor of Arts in Education must complete the required courses in two of the following groups, one of which must be Group A, B, or C; and each applicant for the degree of Bachelor of Science in Education must select Group E and one other, completing the required courses in these two groups. (For the alternative curriculum for those specializing in Physical Education, see page 105.)

*Students who are more than twenty-one (21) years of age at date of original entry to the University may be exempt from Military Science. All such students must, however, take eight (8) credits in other subjects as substitutes for Military Science 101-102 and 201-202.

**Required of all students who expect to be principals.

A—Ancient Language Group

Latin 101-102
Latin 201-202
Latin 203-204
} 18 credits

B—Modern Language Group

French 21-22
French 101-102
French 201-202
or
Span. 21-22
Span. 101-102
Span. 3rd year
or
German 21-22
German 101-102
German 201-202
} 18 credits

C—English Group

English 101-102
English 103-104
English 201-202
English 301-302
and
Foreign Lang., 6 credits
and
English or Foreign Language, 6 credits
} 12 credits
} 34 credits

D—Mathematics Group

Math. 101-102
Math. 231
Math. 251-252
Math. 364
} 18 credits

E—Natural Science Group

Biol. 101
Bot. 101-102
Biol. 106
Chem. 101-102
Phys. 203-204
} 36 credits

F—Social Science Group

History 101-102
History 301-302
History 303-304
Soc. 6 credits
Econ. 201-202
Pol. Sci. 101-102
} 36 credits

G—Commercial Education

Bus. Ad. 81-82
Bus. Ad. 103-104
Bus. Ad. 211-212
Bus. Ad. 401-402
Econ. 101-102
English 355
} 29 credits

FREE ELECTIVES—The student may choose his elective subjects as he wishes, but is advised to elect subjects as closely correlated with his Group requirements as possible.

REQUIREMENTS FOR THE NORMAL DIPLOMA

The Normal Diploma, sometimes called the L. I. Degree, is awarded to those students who shall have completed certain constants and group requirements. Except for students who are exempt from Military Science, there is little if any opportunity for free electives in the requirements for the Normal Diploma.

The constant requirements for the Diploma are as follows:

CONSTANTS

For Freshmen:	
Physical Education 101-102	2 credits
Military Science 101-102	4 "
English 101-102	6 "
Education 101	3 "
Education 102 or Education 103	3 "
For Sophomores:	
Philosophy 201	3 "
Education 203	3 "
Education 207	3 "
Education 405	3 "

GROUP REQUIREMENTS—Twelve credits from each of three subjects included in the Groups given on page 103, must be completed.

A total of 66 credits is required for this diploma.

CURRICULUM IN PHYSICAL EDUCATION

Leading to degree of Bachelor of Science in Physical Education*
For those specializing in Physical Education and Coaching

Freshman Year

First Semester	*Credit*	*Second Semester*	*Credit*
English 101	3	English 102	3
Biology 101	5	Biology 107	5
Select One Group	3	Continue One Group	3
Military Science 101	2	Military Science 102	2
Coaching 101, Football (1st half sem.)	2	Phys. Educ. 112, Calisthenics, Marching and Gymnastic Dancing	2
Coaching 111, Basketball (2nd half sem.)	2	Phys. Educ. 114, Elem. & Adv. Gym.	2
	17		17

Sophomore Year

Education 101	3	Education 0103	3
Continue Group Selected	5	English 202	3
Military Science 201	2	Continue Group Selected	5
English 201	3	Military Science 202	2
Phys. Educ. 231, First Aid & Training	1	Phys. Educ. 232, First Aid & Conditioning	1
Coaching 201, Football (1st half sem.)	2	Coaching 204, Track and Field	3
Coaching 251 (Boxing), 241 (Wrestling), or 261 (Fencing) (2nd half sem.)	1		
	17		17

Junior Year

Education 301	3	Sociology 102	3
Philosophy 201	3	Education 0207	3
Journalism 311, Sports Writing	3	Phys. Educ. 372, Organ. & Admin. of Ath.	1
Phys. Educ. 341, Programs	1	Phys. Educ. 362, Phys. Diagonsis & Corrective Gym.	3
Phys. Educ. 351, Intramurals	2	Coaching 344, Baseball	3
Coaching 301, Football (1st half sem.)	1	Coaching 32, Coaching & Officiating	2
Coaching 302, Basketball (2nd half sem.)	1	Elective	1
Sociology 332, Public Health	2		
	16		16

Senior Year

Education 405	3	Education 0401 or 408	3
Phil. 405, Physical & Mental Tests	3	Psychology of Athletics	3
Phys. Educ. 481, Community Recreation and Playgrounds	1	Phys. Educ. 422, Athletic & Gymnasium Construction and Equipment	1
Public Speaking 201	3	Phys. Educ. 492, Practice Teaching	2
Phys. Educ. 491, Practice Teaching	2	Coaching 472, Officiating (Practice)	1
Coaching 471, Officiating (Practice)	1	Continue Group Selected	6
Continue Group Selected	3		
	16		16

*Students who elect Group E may take the degree of Bachelor of Science in Education if they prefer.

THE CURRICULUM IN AGRICULTURAL EDUCATION

Leading to the Degree of Bachelor of Science in Agricultural Education

Freshman Year

First Semester		*Second Semester*	
Names of Courses	Credits	Names of Courses	Credits
English 101	3	English 102	3
Botany 101	4	Botany 102	4
Chemistry 101	5	Chemistry 102	5
Horticulture 101	3	Education 0101	3
Military Science 101	2	Military Science 102	2
Physical Education 101	1	Physical Education 102	1
	18		18

Sophomore Year

Physics 201	3	Physics 202	3
Biology 101	5	Chemistry 254	4
Agronomy 201	3	Agricultural Engineering 202	4
Education 207	3	Poultry Husbandry 202	3
Elective in Agriculture	2	Animal Husbandry 102	3
Military Science 201	2	Military Science 202	2
Physical Education 201	1	Physical Education 202	1
	19		20

Junior Year

Agricultural Engineering 303	3	Agronomy 302	3
Agronomy 301	5	Education 306	3
Education 303	3	Education 304	3
Political Science 101	3	Veterinary Science 302	2
Electives	3	Entomology 302	4
		Political Science 102	3
	17		18

Senior Year

Plant Pathology 301	4	Agricultural Economics 306	3
Education 409	3	Agricultural Economics 308	3
Education 401	3	Journalism 316	3
Electives in Agriculture	5	Education 410	3
		Electives in Agriculture	3
	15		15

COURSES OF STUDY

For description of courses offered by the Teachers College, see Departments of Instruction section.

UNIVERSITY SUMMER SCHOOL

(CO-EDUCATIONAL)

JUNE 10-AUGUST 2, 1929

GENERAL STATEMENT

The University Summer School was provided for by the "Summer School Act" passed by the Legislature of 1913. It is co-educational and maintained primarily for the benefit of the teachers of the state, but other courses are offered.

The entire equipment of the University is at the service of the faculty and students. Ample provision is made for intellectual recreation and physical exercise. The Peabody Literary Society meets weekly; lectures or concerts are given frequently; the gymnasium, baseball grounds, and tennis courts are at the disposition of the students, and instructors are at hand to direct athletic activities.

REGULATIONS—To fulfill its highest mission the Summer School should not be utilized merely for the purpose of "cramming" for examinations. It is therefore hoped that all teachers will recognize the wisdom of the Summer School Board in establishing the following regulations:

1. No teacher will be allowed to take more than twenty hours per week.
2. No teacher will take less than five hours per week of professional work.

CREDIT FOR WORK—Attention is directed to the following sections of the "Summer School Act":

Sec. 5.—"All work conducted at the said Summer Schools shall be of such character as to entitle the students doing the same to collegiate, normal, or professional credit therefor, and may be applied towards making a degree."

In order to carry out the spirit of this provision, the University allows, under restrictions, a maximum of nine credit hours for work done at any one session of the Summer School. Attendance at three summer sessions satisfies the residence requirements for securing a Normal Diploma or an undergraduate degree from the Teachers College. For an advanced degree four sessions are required. By combining credits gained at the Summer School with those gained in the General Extension Division of the University, it is possible for a teacher to secure a certificate or a degree without losing a prohibitive amount of time from his work. Certificates and degrees secured in this way are awarded, when so desired, on the last day of a session of the Summer School.

Sec. 6.—"All teachers attending any of the Summer Schools herein created and whose work entitles them to credit therefor, upon making proof of the same to the State Superintendent of Public Instruction, are hereby entitled to one year's extension on any Florida teacher's certificate they may hold and which has not fully expired, and such certificate may be extended one year for each succeeding session attended by the said teacher."

Certificates of credit making proof of the work done will be granted by the State Superintendent only to those teachers who attend the full term and whose work is satisfactory.

EXPENSES—There is no charge for tuition. Board and lodging (including lights, but not pillows, bed linen, or towels) will be offered at $21.00 for half term, or $40.00 for the entire session of eight weeks; board without lodging at $17.00 per half term or $32.00 per session. Children under eight years of age will not be admitted to the dormitories, but may dine with their parents in the Commons at $16.00 for the term or $9.00 for the half term. Children above eight, full charge. All accounts are payable in advance.

COURSES OF STUDY

The courses given during the session of 1929 were fully described in the Summer School Bulletin of that year and were, furthermore, for the most part very similar in character to the corresponding ones of the Teachers College. In view of these facts, and inasmuch as a detailed program for the session of 1929 was published separately, it is thought unnecessary here to make more than mere mention of the courses in question. The work to be offered in the Summer School of 1929 will be divided into five separate and distinct groups, each serving a specific purpose:

1. REVIEW COURSES in all subjects required for teachers' certificates.

2. PROFESSIONAL COURSES meeting the requirements for the extension of teachers' certificates without examination.

3. NORMAL COURSES leading to the normal diploma.

4. COLLEGE COURSES leading to standard bachelor's degrees.

5. GRADUATE COURSES leading to advanced degrees.

A complete catalog of all the work of the Summer School will be issued. For reservation of rooms and other information address Dr. J. W. Norman, Dean, Gainesville, Fla.

COLLEGE OF PHARMACY

Townes Randolph Leigh, *Dean*

GENERAL STATEMENT

As an integral part of the University, the College is governed by the same general policy, and maintains the same high standard of requirements, as do the other colleges in the institution. In common with the other natural sciences, it requires a large amount of laboratory instruction.

Degrees and Curricula—Two undergraduate degrees are given in pharmacy. The College offers a three-year curriculum leading to the certificate of Graduate in Pharmacy (Ph.G.), and an additional year's work, upon completion of which the degree of Bachelor of Science in Pharmacy (B.S. in Phar.) is conferred. In the work of the fourth year opportunity is given for specialization in Commercial Pharmacy, in Pharmaceutical Chemistry, or in Pharmacognosy and Pharmacology.

The degree of Master of Science in Pharmacy (M.S. in Phar.) is given under the supervision of the Graduate School of the University.

Standard of Work—All work offered in the College of Pharmacy meets the highest requirements of pharmaceutical instruction in this country. As an associate member of the American Association of Colleges of Pharmacy, the College receives full recognition for its courses from all state boards requiring attendance in a school of pharmacy as a prerequisite for examination and registration. Although all schools of the Association are required to maintain certain minimum requirements for entrance and for graduation, the College prides itself on the fact that all of its requirements are in excess of this minimum.

Methods of Instruction—Lecture and recitation periods are fifty-five minutes in length, laboratory periods, two or three hours, depending upon the character of the work.

Registration and Reciprocity—Before any person is permitted to practice pharmacy in the State of Florida, he is required to become a registered pharmacist, which registration is secured by examination or by reciprocity. Every applicant applying to the Florida State Board of Pharmacy for examination must submit the written statement of at least two reputable citizens, who shall not be related to the applicant by either consanguinity or affinity, certifying that the applicant is a person of good moral character.

"The applicant shall furnish a certificate in writing that he is over the age of twenty-one years.

"The applicant shall present to the Board through its Secretary, a diploma from an accredited school or college of pharmacy, such accredited school being a school or college of pharmacy holding a membership in the American Conference of Pharmaceutical Faculties provided that a diploma of any other school or college of pharmacy not a member of said American Conference of Pharmaceutical Faculties but whose standard of requirements for the issuance of its diploma are equal or equivalent to the requirements of an accredited school as now established by said American Conference of Pharmaceutical Faculties shall be recognized by this Board as a diploma sufficient to entitle the applicant to be examined by this Board. And further provided that the requirements herein provided shall not apply to any person who has been apprenticed for a period of one year or more under the provisions of the Laws of this State as the same existed prior to the passage of said Chapter 10201 Laws of Florida, etc."

Further information concerning registration in Florida may be obtained by writing to Mr. J. H. Haughton, Secretary of the State Board of Pharmacy, Palatka, Florida.

Opportunities for Graduates—The three-year curriculum is designed primarily to train retail pharmacists. Only a small amount of latitude can be allowed in the selection of courses, since the minimum requirements of the American Association of Colleges of Pharmacy must be met. But the four-year curriculum offers an opportunity for specialization, either in Commercial Pharmacy, in Pharmaceutical Chemistry, or in Pharmacognosy and Pharmacology. The course in Commercial Pharmacy should qualify a man for a position as manager in a drug store, or as a salesman of drugs and chemicals. The work in Pharmaceutical Chemistry is designed to train men for positions in food and drug laboratories, or as manufacturing pharmacists. The completion of the work of the fourth year in pharmacognosy or pharmacology should qualify one to act in the capacity of pharmacognocist or inspector of crude drugs with a manufacturing concern, or with the Federal Customs Service, or as pharmacologist for manufacturing houses or for hospitals. The above-named positions are only a few of the many open to men who possess training along any of the above lines. At the present time the difficulty is not to find a position for the trained man, but to find sufficient men with adequate training for the technical positions now open.

EQUIPMENT—The College of Pharmacy is housed in the new Chemistry-Pharmacy Hall, one of the most modern laboratories in the South. The laboratories of the College of Pharmacy are especially well provided with all equipment required by students for elementary work as well as for advanced work and scientific investigation.

The drug garden, covering some ten acres, is used for the cultivation and study of all medicinal plants which occur in Florida or may be grown here. Thus it is possible for students to become familiar with the appearance and properties of drug plants from the growing state until they are prepared and compounded into prescriptions.

ENTRANCE REQUIREMENTS—Each student is expected to be in attendance on the day scheduled for registration. By permission of the Dean and of all instructors concerned, and on payment of a special fee, a student may be allowed to enter subsequent to this date, but in no case will he be admitted after the first two weeks of any semester.

Although it is often possible by special arrangement for a beginning student to enter the College at the commencement of the second semester, such arrangement is rarely satisfactory, as very few beginning courses are started at that time. It is therefore urged that such students enter only at the beginning of the first semester.

Drug store experience is not required for entrance into the College of Pharmacy. Such experience is very desirable, however, since many states require a certain amount of experience before registration can be granted.

A student registered for one or more laboratory courses in the Department of Pharmacy is required to present a card indicating that he has deposited $5.00 with the Auditor to cover laboratory breakage. Upon return of the apparatus at the end of the course, the student receives a refund.

For General Entrance Requirements see page 54.

RHO CHI HONORARY FRATERNITY—Rho Chi is the only National Honorary Pharmaceutical Fraternity in existence at the present time. Chapters are established only at colleges that are members in good standing of the American Association of Colleges of Pharmacy. Iota Chapter was established at Florida in 1928.

Membership is based primarily on scholastic ability as indicated by average percentage of grade, participation in student activities and general gentlemanly qualities. All candidates for membership must have completed at least sixty hours of scholastic work and be recommended by the dean or secretary of the pharmacy faculty.

MORTAR AND PESTLE SOCIETY—The Mortar and Pestle Society is an organization maintained by the student body of the College of Pharmacy. Its monthly meetings are devoted to general discussions or to addresses by state and national leaders of the profession.

THE THREE-YEAR CURRICULUM

Leading to the Degree of Graduate in Pharmacy

First Semester		*Second Semester*	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
		First Year	
English 101	3	English 102	3
Botany 101	4	Botany 102	4
Chemistry 101	5	Chemistry 104	5
Pharmacy 101	3	Pharmacy 102	3
Military Science 101	2	Military Science 102	2
Physical Education 101	1	Physical Education 102	1
	18		18
		Second Year	
Chemistry 251	5	Chemistry 252	5
Biology 105	2	Chemistry 304	2
Pharmacognosy 221	3	Pharmacognosy 222	3
Pharmacy 211	5	Pharmacy 222	5
Military Science 201	2	Military Science 202	2
Physical Education 201	1	Physical Education 202	1
	18		18
		Third Year	
Pharmacology 351	3	Pharmacy 372	4
Pharmacy 351	5	Pharmacognosy 342	3
Pharmacy 331	3	Pharmacology 362	4
Pharmacy 361	3	Pharmacy 332	2
Pharmacy 381	2	Pharmacy 362	3
	16		16

THE FOUR-YEAR CURRICULUM

Leading to the Degree of Bachelor of Science in Pharmacy

The first three years of the four-year curriculum are identical with the three-year curriculum as outlined above. In the senior year a major may be selected in Commercial Pharmacy, Pharmaceutical Chemistry, Pharmacognosy, or Pharmacology.

Senior Year

First Semester		*Second Semester*	
Names of Courses	Credits	Names of Courses	Credits
Commercial Pharmacy Major			
Pharmacy 471	2	Pharmacy 472	2
Pharmacy 491	2	Pharmacy 492	2
Business Administration 211	3	Business Administration 212	3
Business Administration 331	3	Business Administration 332	3
French, German or Spanish	3	French, German, or Spanish	3
Business Administration 401 Or Approved Elective	3	Business Administration 402 Or Approved Elective	3
	16		16
Pharmaceutical Chemistry Major			
Pharmacy 451	5	Chemistry 406	3
Pharmacy 431	3	Pharmacy 432	3
Pharamacy 492, or Approved Elective	2	Pharmacy 492. or Approved Elective	2
French or German	3	French or German	3
Approved Electives	3	Approved Electives	5
	16		16
Pharmacognosy Major			
Pharmacognosy 423	4	Pharmacognosy 424	4
*Pharmacognosy 435	4	Pharmacognosy 436	4
Pharmacognosy 491	2	Pharmacognasy 492	2
French or German	3	French or German	3
Approved Electives outside Dept.	3	Approved Elective outside Dept.	3
	16		16
Pharmacology Major			
Pharmacology 451	4	Pharmacology 452	4
Pharmacology 455	4	Pharmacology 456	4
Pharmacology 491	2	Pharmacology 492	2
French or German	3	French or German	3
Approved Elective outside Dept.	3	Approved Elective outside Dept.	3
	16		16

*Pharmacognosy 231-232 may be substituted if student has not already completed this course.

COURSES OF STUDY

For description of courses offered by the College of Pharmacy, see Departments of Instruction section.

COLLEGE OF COMMERCE AND JOURNALISM

WALTER J. MATHERLY, *Dean*

GENERAL STATEMENT

The College of Commerce and Journalism was established as the School of Business Administration and Journalism in 1925. For the first year it operated under the College of Arts and Sciences with the Dean of that College in charge. Beginning with the first semester of 1926 a special director was appointed and the School began to operate as a unit separate and distinct from the College of Arts and Sciences. In the Spring of 1927 the Board of Control created the College of Commerce and Journalism out of this unit with a dean and faculty of its own and made it co-equal in every respect with the other colleges of the University.

The College of Commerce and Journalism offers instruction in two distinct fields of professional or semi-professional effort:

I. Business Administration
II. Journalism

Instruction in Business Administration is designed to provide scientific analysis of the basic principles of business. Its purposes are *to prepare students—to become business executives; to assume the increasing responsibilities of business ownership; and to act in the capacity of business specialists.* Expressed more specifically, its aims are to provide familiarity with the fundamental elements of business management; to develop facility in the use of quantitative instruments in the determination of business policies and in the solution of business problems; and to assure recognition of the larger relationships between business leadership and social well-being.

Instruction in Journalism proceeds upon the theory that the press is a public utility and that the increasing appreciation of its functions as an educational agency creates a demand for thorough preparation, ethically as well as educationally, for journalistic endeavor. The makers of modern newspapers and periodicals require knowledge of comprehensive and far-reaching character. They are compelled to deal with almost every phase of modern life and civilization. Those who would participate in journalistic activities as purveyors of news, as creators of public opinion, or as owners or managers of newspaper properties, must be trained—

in English, history, economics, business management, sociology, government, and so on, as well as in the technique of journalistic procedure. The purpose of university instruction in journalism is to accomplish, if possible, these difficult objectives.

SPECIAL REGISTRATION FEE—The Board of Control has authorized a special registration fee of ten ($10.00) dollars for *all regular students* registered in the College of Commerce and Journalism, and a fee of one ($1.00) dollar per semester-hour for *all other students* taking the following courses: all courses in Journalism, except Journalism 316; all courses in Business Administration not marked E. For details of expenses see pages 42-45.

MINIMUM AND MAXIMUM HOURS—The student must take at least fourteen hours of work, and in general will not be permitted to take more than nineteen; but if in the preceding semester he has attained an honor point average of 2 or more and has not failed in any subject he may be permitted to take as many as twenty hours, and if he has attained an honor point average of 2.5 with no failures he may be permitted to take as many as twenty-three hours.

STUDENT ORGANIZATIONS

Commerce Club—This club was founded in 1924 by a group of students majoring in economics and business administration. Meetings are held fortnightly for encouraging and developing critical interest in current problems in the fields of commerce and industry, special attention being given to the economic progress of Florida.

Alpha Kappa Psi—The Alpha Phi Chapter of Alpha Kappa Psi, a national professional commerce fraternity was established at the University of Florida in January, 1926. Its purpose is to afford a social and professional contact among the students of business administration, and to cooperate with the faculty in furthering the interests of the College of Commerce and Journalism. The membership is made up of men whose interests are broader than the classroom, and whose personality and individual character give promise of business success. Only those students of the Sophomore class or above are eligible. At present the active members number nineteen.

Pi Delta Epsilon—Pi Delta Epsilon is a national honorary collegiate journalistic fraternity. It was founded at Syracuse University in 1909. It is the oldest non-professional journalism fraternity in America.

Pi Delta Epsilon has as its aim and purpose the stimulating of interest in college journalism, and the raising of the standards of college publications. The University of Florida chapter of Pi Delta Epsilon fraternity was installed on Thanksgiving day, 1926, at Jacksonville. The chapter has a roll of eighteen active members and four honorary members. The fraternity includes among its members the heads of every official publication on the campus, and is already exerting considerable influence upon campus journalism.

Beta Sigma—This is a local honorary commerce fraternity. It was organized in January, 1927. Its purpose is to foster high standards of scholarship in the College of Commerce and Journalism. Members are chosen from the fifteen percent ranking highest in scholarship in the Junior and Senior classes. Plans are under way to petition one of the large national honorary fraternities in this field.

Sigma Delta Chi—The Florida Chapter of Sigma Delta Chi, international professional journalism fraternity, was installed at the University on February 9, 1929. It seeks to promote the welfare and highest ideals of newspapers and magazines. The personnel bureau of the fraternity attempts to obtain positions for members and to find better positions for those already engaged in the profession. Membership in the fraternity is the highest honor to which a journalism student can attain.

AWARDS AND MEDALS

Mr. Edward W. Lane, one of the outstanding bankers of Florida, a member of the Board of Control and President of the Atlantic National Bank of Jacksonville, offers a gold medal each year in the College of Commerce and Journalism to that member of the Senior Class in business administration who is best equipped for the profession of banking. The winner of this medal is also given a position in the Atlantic National Bank upon his graduation from the College of Commerce and Journalism.

The Dean of the College of Commerce and Journalism offers a gold medal every year to that member of the Senior class in business administration who possesses in the greatest degree the following personal and mental qualities: *initiative, personality, reliability, soundness of judgment, industry, cooperation* and *native ability*. This medal is awarded by the Faculty of the College through the use of rating scales. Every Senior is rated in these qualities by the Faculty and that Senior rating the highest is awarded the medal.

BUREAU OF APPOINTMENTS

The College of Commerce and Journalism maintains a Bureau of Appointments. This Bureau exists for the purpose of assisting graduates in securing positions. While appointments are not guaranteed, every effort will be made to place those who make worthy records.

GRADUATE STUDY

The College of Commerce and Journalism under the jurisdiction of the Graduate School of the University offers graduate courses leading to the degrees of Master of Arts, Master of Science in Business Administration and Master of Science in Journalism. Students may major in economics and minor in business administration or vice versa. Ordinarily requirements for the above degrees may be completed in one regular academic year.

ASSISTANTSHIPS AND FELLOWSHIPS

The College of Commerce and Journalism has made provisions for two graduate assistantships each year carrying a stipend of $400 each. For undergraduates there are two student assistantships paying $200 each. The American Bankers' Association Foundation for Education in Economics offers one annual loan scholarship amounting to $250. Students must have an honor-point average of two or more to apply for and hold any of these fellowships or assistantships. Those interested apply to the Dean before March 1st of each year.

DEGREES

Two undergraduate degrees are given in the College of Commerce and Journalism; Bachelor of Science in Business Administration, Bachelor of Science in Journalism.

For each of the degrees offered a total of one hundred and thirty-four credits are required of which ten credits are non-academic.

THE CURRICULUM IN BUSINESS ADMINISTRATION

In developing the curriculum in Business Administration, the College has proceeded upon the basis of the outstanding functions of business. Courses have been developed more with reference to the major relationships of the modern business manager than with reference to particular types of business. These relationships, as developed by one

American university, may be sub-summed under the following heads: (1) Relationship to physical and social environment, (2) relationship to finance, (3) relationship to marketing, (4) relationship to production, (5) relationship to personnel, (6) relationship to transportation and communication, (7) relationship to accounting and statistical measurements, and (8) relationship to risk. Careful study of the curriculum will show how these various relationships are considered.

The curriculum in Business Administration contains both cultural courses and professional courses. The first two years are devoted wholly to required subjects largely cultural in nature and are intended to provide the student with a broad intellectual foundation. The last two years, with one or two exceptions, are concerned with courses directly in the field of business administration. These required courses in business administration are courses of a pervasive character and are designed to acquaint the student with the underlying principles of business organization and operation rather than with the specific problems of specific business enterprises.

CURRICULUM

Leading to the Degree of Bachelor of Science in Business Administration.

First Semester		*Second Semester*	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
		Freshman Year	
Business Administration 103	3	Business Administration 104	3
English 101	3	English 102	3
Mathematics 101	3	Mathematics 108	3
Foreign Language	3	Foreign Language	3
Business Administration 101E	3	Business Administration 102E	3
Military Science 101	2	Military Science 102	2
Physical Education 101	1	Physical Education 102	1
	18		18
		Sophomore Year	
Business Administration 211	3	Business Administration 212	3
Business Administration 201E	3	Business Administration 202E	3
*Foreign Language	3	Foreign Language	3
**Laboratory Science	5	Laboratory Science	5
Military Science 201	2	Military Science 202	2
	16		16
		Junior Year	
Political Science 101	3	Political Science 102	3
Philosophy 201	3	Philosophy 206	3
Business Administration 321E	3	Business Administration 302E	3
Business Administration 355	3	Business Administration 322	3
Business Administration 341	2	Business Administration 372	2
Approved Elective	3	Approved Elective	3
	17		17
		Senior Year	
Business Administration 351E	3	Business Administration 0431	3
Business Administration 401	3	Business Administration 402	3
Business Administration 409	2	Business Administration 410	2
Approved Electives	8	Approved Electives	8
	16		16

*Continuation of course begun in Freshman year.
**Physics, Chemistry, or Biology.

PROFESSIONAL SPECIALIZATION IN BUSINESS

In addition to the required courses in business administration, the student is offered an opportunity to specialize in certain professional fields of business by the choice of electives. If he desires, for example, to specialize in marketing with the idea of becoming a sales manager, he may be permitted to take for his electives in the Junior year, two of the required courses, or six semester hours listed in the Senior year. This will enable him to elect twenty semester hours in his Senior year. If a student wants to specialize in accounting, he may take his electives of six semester hours in accounting in his Junior year, and in his Senior year elect fourteen semester hours in accounting and allied courses.

In order that electives may be chosen in such a way as to constitute a coherent and comprehensive whole rather than as a scattered and unrelated series, suggested types of professional specialization are set forth below and the electives which should be pursued under each type are specified. Every student is expected at the beginning of his junior year to select the group of electives under that particular field of professional specialization which best fits his needs and desires and adhere to that group. No changes will be allowed without the approval of the Dean.

I. GENERAL BUSINESS

Business Administration 469-470 .....Business Forecasting
Business Administration 331 .....Principles of Salesmanship
Business Administration 422 .....Investments
Business Administration 311-312 .....Advanced Accounting
Business Administration 404 .....Social Control of Business Enterprise

II. ACCOUNTING

Business Administration 311-312.....Advanced Accounting
Business Administration 411.....Cost Accounting
Business Administration 414.....Income Tax Procedure
Business Administration 422.....Investments
Business Administration 412.....Auditing
Business Administration 413.....Advanced Accounting

III. MARKETING

Business Administration 432 .....Market Management
Business Administration 331 .....Principles of Salesmanship
Business Administration 332.....Retail Store Management
Business Administration 433.....Advertising
Business Administration 434.....Advanced Advertising
Business Administration 435E.....International Trade
Business Administration 436.....Foreign Trade Technique
and
Business Administration 352.....Ocean Transportation
or
Business Administration 438E .....Trade Horizons in Latin America

IV. BANKING AND FINANCE

Business Administration 422.....Investments
Business Administration 423.....Banking
Business Administration 424E.....Money
Business Administration 429E.....Government Finance
Business Administration 469-470.....Business Forecasting
Business Administration 404E.....Social Control of Business Enterprise

V. PRODUCTION MANAGEMENT

Business Administration 473E.....Labor Problems
Business Administration 469-470.....Business Forecasting
Business Administration 411.....Cost Accounting
Business Administration 432 .....Market Management
Business Administration 422.....Investments
Journalism 318 .....Newspaper Management

VI. TRANSPORTATION AND COMMUNICATION

Business Administration 352E.....Ocean Transportation
Business Administration 469-470.....Business Forecasting
Business Administration 432 .....Market Management
Business Administration 311-312 .....Advanced Accounting
Business Administration 473E.....Labor Problems
Business Administration 435E.....Principles of International Trade

VII. RISK-BEARING AND INSURANCE

Business Administration 361 .....Property Insurance: Fire and Marine
Business Administration 362 .....Property Insurance: Bond, Title and Casualty
Business Administration 461 .....Life Insurance
Business Administration 469-470.....Business Forecasting
Business Administration 331 .....Principles of Salesmanship
Business Administration 422 .....Investments

VIII. PERSONNEL MANAGEMENT

Business Administration 469-470.....Business Forecasting
Business Administration 473E.....Labor Problems
Philosophy 405 .....Psychological Tests
Sociology 323 .....Social Pathology
Sociology 424 .....Community Organization
Sociology 441 .....Principles of Sociology

IX. FOREIGN TRADE AND CONSULAR SERVICE

Business Administration 352E .....Ocean Transportation
Business Administration 436.....Foreign Trade Technique
Political Science 303-304.....International Law
Business Administration 438E .....Trade Horizons in Latin America
Business Administration 435E .....Principles of International Trade
Business Administration 381E ..... Economic Geography of North America
or
Business Adminsitration 383E .....Economic Geography of Northwest Europe

CURRICULUM

Leading to the Degree of Bachelor of Science in Business Administration in Combination with Law

The College of Commerce and Journalism combines with the College of Law in offering a six-year program of study for students in Business Administration who desire ultimately to enter the College of Law. The first three years are spent directly in the College of Commerce and Journalism; the last three years are devoted to the regular course in the College of Law. When the student has satisfactorily completed the first two years of the course in the College of Law he may offer these two years of law as a substitute for the fourth year in the College of Commerce and Journalism and receive the degree of *Bachelor of Science in Business Administration.*

First Semester		*Second Semester*	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
		Freshman Year	
English 101	3	English 102	3
Journalism 103	3	Journalism 104	3
Mathematics 101	3	Business Administration 104	3
Foreign Language	3	Foreign Language	3
Business Administration 101E*	3	Business Administration 102E*	3
Military Science 101	2	Military Science 102	2
Physical Education 101	1	Physical Education 102	1
	18		18
		Sophomore Year	
Business Administration 211	3	Business Administration 212	3
Business Administration 201E	3	Business Administration 202E	3
Foreign Language	3	Foreign Language	3
Laboratory Science	5	Laboratory Science	5
Military Science 201	2	Military Science 202	2
	16		16
		Junior Year	
Political Science 101	3	Political Science 102	3
Philosophy 201	3	Business Administration 322	3
Business Administration 431E	3	Business Administration 404E	3
Business Administration 321E	3	Business Administration 410	2
Business Administration 409	2	Business Administration 302E	3
Approved Electives**	4	Approved Electives**	4
	18		18

*History 101-102 may be substituted for Business Administration 101E-102E.
**Approved electives must be courses in Business Administration.

THE CURRICULUM IN JOURNALISM

The curriculum in Journalism, extending over a period of four years, has been arranged with the primary aim of preparing students to meet successfully the exacting demands of the most successful newspaper men. Courses have been developed in accordance with the major purpose of training students to become efficient newspaper workers.

The minimum number of credits required for the degree in Journalism is thirty-six. Beginning with an introductory course in the first year, the required courses in Journalism are scattered throughout the four years. Provision is made for eighteen credits of electives, four in the junior year, and fourteen in the senior year.

The curriculum contains the cultural courses necessary to provide a solid foundation for the professional courses. The first two years are devoted largely to subjects of a cultural nature in order to provide the student with a deep and broad intellectual background. Considerable emphasis is given to courses in Economics, Political Science, Business Administration, Psychology, History, English, Sociology, and Germanic and Romance languages.

In addition to the courses prescribed for the degree in Journalism, the student is given an opportunity to specialize in that field of Journalism in which he is most interested, i. e., Advertising, Financial Writing, Short Story Writing, Circulation Management, Newspaper Ownership and Management, and Agricultural Journalism. If the student desires to specialize, he must elect at the beginning of his junior year, with the approval of the Dean, the professional group which best fits his needs and desires and adhere to that group.

CURRICULUM

Leading to the Degree of Bachelor of Science in Journalism.

First Semester		*Second Semester*	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
		Freshman Year	
Journalism 103	3	Journalism 104	3
English 101	3	English 102	3
Foreign Language	3	Foreign Language	3
Mathematics 101	3	Sociology 102	3
Business Administration 101E*	3	Business Administration 102E*	3
Military Science 101	2	Military Science 102	2
Physical Education 101	1	Physical Education 102	1
	18		18
		Sophomore Year	
Journalism 205	3	Journalism 206	3
Foreign Language	3	Foreign Language	3
Laboratory Science 201	5	Laboratory Science 202	5
Business Administration 201E	3	Business Administration 202E	3
Military Science 201	2	Military Science 202	2
	16		16
		Junior Year	
Journalism 301	3	Journalism 302	3
Journalism 309	3	Journalism 310	3
Journalism 313	3	Journalism 318	3
Political Science 101	3	Political Science 102	3
Philosophy 201	3	English 204	3
Approved Electives	2	Approved Electives	2
	17		17
		Senior Year	
Journalism 407	3	Journalism 409	3
Sociology 441	3	Journalism 404	3
Political Science 205**	3	Political Science 206**	3
Approved Electives	7	Approved Electives	7
	16		16

*History 101-102 may be substituted for Business Administration 101-102.
**Political Science 305-306 may be substituted for Political Science 205-206.

SUGGESTED TYPES OF PROFESSIONAL SPECIALIZATION

I. ADVERTISING

Journalism 403 ..... The Press in World Society
Business Administration 433 ..... Advertising
Business Administration 434 ..... Advanced Advertising
Business Administration 431E ..... Principles of Marketing
Philosophy 204 ..... Business Psychology
Journalism 405 ..... Industrial and Trade Journalism
Journalism 406 ..... Mechanics of Publishing

II. FINANCIAL WRITING

Journalism 314 ..... The Writing of Special Articles
Business Administration 321E ..... Financial Organization
Business Administration 322 ..... Financial Management
Business Administration 422 ..... Investments
Business Administration 423 ..... Banking
Business Administration 424E ..... Money
Business Administration 429E ..... Government Finance

III. SHORT STORY WRITING

Journalism 314 ..... The Writing of Special Articles
Journalism 408 ..... Literary Criticism
English 203 ..... The Short Story
English 301 ..... Shakespeare and the Drama
English 403-404 ..... English Novel
English 406 ..... Modern Novel

IV. CIRCULATION MANAGEMENT

Journalism 315 ..... Community Newspaper Management
Journalism 405 ..... Industrial and Trade Journalism
Journalism 406 ..... Mechanics of Publishing
Journalism 403 ..... The Press in World Society
Business Administration 372 ..... Personnel Management
Business Administration 433 ..... Advertising
Philosophy 204 ..... Business Psychology

V. NEWSPAPER OWNERSHIP AND MANAGEMENT

Journalism 315 ..... Community Newspaper Management
Journalism 406 ..... Mechanics of Publishing
Journalism 403 ..... The Press in World Society
Business Administration 341 ..... Production Management
Business Administration 422 ..... Investments
Business Administration 409-410 ..... Business Policy

VI. AGRICULTURAL JOURNALISM

Journalism 314 ..... The Writing of Special Articles
Journalism 315 ..... Community Newspaper Management
Journalism 316 ..... Agricultural News Writing
Journalism 405 ..... Industrial and Trade Journalism
Journalism 406 ..... Mechanics of Publishing
Journalism 403 ..... The Press in World Society
Agricultural Economics 301 ..... Fundamental Principles

COURSES OF STUDY

For description of courses of study offered by the College of Commerce and Journalism, see Departments of Instruction section.

DIVISION OF ATHLETICS AND PHYSICAL EDUCATION

The Department is conducted for the purpose of giving every student a thorough course in general physical training under proper supervision and expert teachers, and to give opportunity and encouragement to participate, under the direction of skilled coaches, in various forms of competitive athletics, for the educational and training values that come from such experience. Every effort is made to conserve the time required of candidates for intercollegiate teams and to promote in practice and contests, ideals of sportsmanship and fair play. At the same time the extension among all students of participation in various forms of competitive athletics is vigorously promoted through a large variety of intra-mural and minor sports contests, indoor and out. Great emphasis is placed upon outdoor work in Florida's wonderful climate.

A thorough physical examination is made of each student on entering the University, on the basis of which he is given advice and direction as to his physical activities during his college course. This enables the student to secure the greatest values from this phase of his college work. This physical examination is supplemented by periodical examinations required of all those students who are candidates for competitive teams and of those who are below par physically as a result of either illness, improper development, or some other physical handicap. Yearly examinations are optional to upper classmen. Special classes are arranged for those needing special work of a corrective nature, and for those having physical disabilities. No violent or dangerous exercises are permitted.

Every Freshman and Sophomore is required to take a course in physical education for two periods a week throughout the year, for which college credit is given. This consists of gymnasium work, including calisthenics, introductory apparatus work, advanced apparatus work, group games and mass athletics. This course is designed to improve body control and physical alertness; to establish habits of regular exercise, and to give experience in various kinds of recreative sports that will be useful in later life.

The second semester's work consists mostly of games and outdoor activities. A thorough knowledge of one major sport is required each semester.

Every encouragement and facility is placed at the disposal of the upper class students to take part in the intra-mural and inter-collegiate athletic sports on account of their body-building, social and character-forming values.

ATHLETIC COACHING

In order to meet the increased demand for competent coaches in our state high schools the faculty of the Teachers College unanimously voted to establish a four-year course leading to the degree of Bachelor of Science in Education, allowing the students to major in athletic coaching and playground management. The course is meeting with much success its first year.

COURSES OF STUDY

For description of courses offered, see Departments of Instruction section.

DIVISION OF MILITARY SCIENCE AND TACTICS

RESERVE OFFICERS' TRAINING CORPS

SENIOR INFANTRY AND FIELD ARTILLERY UNITS

Professor of Military Science and Tactics, and Commandant of Cadets, James A. VanFleet, Major, Infantry, U. S. Army; Assistant Professors of Military Science and Tactics: William C. Moore, Captain, Infantry, U. S. Army; Gilmer M. Bell, Captain, Infantry, U. S. Army; Clyde C. Alexander, Captain, Field Artillery, U. S. Army; Ernest T. Barco, Captain, Field Artillery, U. S. Army; John F. Hepner, Captain, Field Artillery, U. S. Army; Clayton S. Whitehead, Captain, Infantry, U. S. Army; Frank F. Becker, Captain, Infantry, U. S. Army; James M. Morris, Captain, Infantry, U. S. Army.

Instructors in Military Science and Tactics: Dallas B. Hundley, Staff Sergeant, Infantry, U. S. Army; William D. Klinepeter, Staff Sergeant, Infantry, U. S. Army; Charles H. Bell, Sergeant, Infantry, U. S. Army; Joseph C. Brandkamp, Sergeant, Field Artillery, U. S. Army; Ivor W. Thomas, Sergeant, Field Artillery, U. S. Army; Jesse A. Vitatoe, Sergeant, Infantry, U. S. Army; Joseph P. Donnovin, First Lieut., Field Artillery.

AUTHORITY—Under the terms of the Land Grant Act of 1862 the State received certain grants of Federal lands, the income of which must be devoted to the maintenance of colleges of Agricultural and Mechanical Arts including a course in Military Training. The Reserve Officers' Training Corps was established by the National Defense Act of June 3, 1916, as amended by the Act of June 4, 1920. This Act authorized the Secretary of War to provide the necessary instructors and equipment and to prescribe a standard course of instruction.

OBJECT—These units were authorized by Congress for the purpose of providing a corps of reserve officers to lead our augmented armed forces in time of war. The war with Germany has shown conclusively that we must depend upon college men for our additional officers. It is a part of the approved military policy of the people of the United States to maintain a small standing army. When the nation is drawn into war, and large additional armed forces are raised, it is necessary that they be provided with trained officers. A study of our military history shows that many lives have been sacrificed in the past because of the scarcity of officers capable of leading men in combat. Our Government has at-

tempted to rectify this by training young men in college so that if war comes they may step into positions of leadership and acquit themselves creditably.

Students who complete the basic courses and are selected by the Professor of Military Science and Tactics and the President of the University, may elect the advanced courses. Students electing these courses must carry them to completion as a prerequisite to graduation. Upon their completion those students recommended by the Professor of Military Science and Tactics and the President of the University, will upon their own application be offered a commission in the Officers Reserve Corps, United States Army. An advanced course Summer Camp is compulsory usually between the Junior and Senior years. These camps afford a fine opportunity for the student to improve his military knowledge and to engage in healthful recreation. He is surrounded by every moral safeguard and provided with every recreation and healthful amusement that a young man could wish. Chaplains look after his moral welfare, and every effort is made to improve him mentally, morally and physically. The War Department pays all expenses, including mileage, rations, medical attendance, clothing and laundry service and in addition the pay of the seventh grade, U. S. Army.

COURSES OF INSTRUCTION

For Courses of Instruction, see Departments of Instruction section.

DIVISION OF MUSIC

Instructors: R. DeWitt Brown (Director), John W. DeBruyn, Claude L. Murphree.

This department aims to create and foster a love for and an appreciation of good music and to encourage students to use their musical abilities and training for the benefit of themselves and others. It trains and directs the University band, the orchestra, and the glee club and offers private instruction in voice and in violin and other instruments used in the band and orchestra and also in organ and piano. It seeks to cooperate with the musical organizations and churches of Gainesville and with the radio station located on the grounds of the University. Courses are given by special arrangement with the Director, but no college credit is allowed for work in this department.

Owing to lack of funds for the department, a small tuition fee is charged for private instruction.

ORGANIZATIONS AND COURSES IN THE DIVISION OF MUSIC

The University Orchestra offers musical entertainment at many University functions. Its organization is one of the largest in the South. Students with ordinary talent in the handling of orchestral instruments are invited to present their names for membership. Mr. Brown.

The Military Band adds much to the effectiveness of parades. It makes several excursions during the year to neighboring towns and plays at many of the athletic contests held on and off the campus.

The Glee Club was organized in 1926. During its existence trips have been taken to Georgia, Alabama, and throughout Florida. Membership is selective and requires a knowledge of note reading and four-part singing. Try-outs are held in the early part of the first semester. Applicants are tested as to their ability to read easy music at sight, blend, voice, appearance, and pitch. The Glee Club already has begun to mean much as a source of culture, recreation, and advancement in the art of music. A teacher of voice acts as the director. Mr. DeBruyn.

Private lessons in violin and other orchestral instruments may be arranged with Mr. Brown.

Private lessons in voice may be arranged with Mr. DeBruyn.

Private lessons in organ and piano may be arranged with Mr. Murphree.

A course in Rudimentary Sight Singing will be given during the first semester. This course is intended for students who have had little or no training in the reading of notes. One hour a week. A small tuition charge is made for this course. Mr. DeBruyn.

GENERAL EXTENSION DIVISION

BERT CLAIR RILEY, *Dean*

REGULAR FACULTIES of the University of Florida and the State College for Women co-operate.

SPECIAL LECTURERS AND TEACHERS are employed for Class Work and Short Courses.

The General Extension Division represents the Colleges of Arts and Science, Education, Engineering, Law, Pharmacy and Commerce and Journalism, of the University, and the Colleges of Arts and Sciences and the Schools of Education and Music of the State College for Women. The work has been divided into six departments:

1. Extension Teaching
2. Auditory Instruction
3. Citizenship Training
4. Visual Instruction
5. General Information and Service
6. Extension Research

Each department is divided into several bureaus.

DEPARTMENT OF EXTENSION TEACHING

CORRESPONDENCE STUDY BUREAU—Correspondence study offers to everyone an excellent opportunity to advance in his vocation, obtain a degree, or take courses for culture.

Review courses for teachers, high school work for students in rural communities, college work for busy men and women, special vocational courses for those who wish to advance in their line of work, and reading courses for those on the farm, in the shop, office and home are offered. Many courses are given by the University through the Colleges of Arts and Sciences, Education, Engineering, and Commerce and Journalism. The Division also offers correspondence courses through the State College for Women in the Schools of Education and Music and the College of Arts and Sciences.

EXTENSION CLASS BUREAU—Wherever advisable, extension classes are organized to meet the special needs of interested groups.

INSTITUTES AND SHORT COURSE BUREAU—Through this Bureau short courses, community institutes and conferences are held to give instruc-

tion or an opportunity for discussion on problems confronting groups or communities.

DEPARTMENT OF AUDITORY INSTRUCTION

The department of Auditory Instruction has charge of the radio programs put on over WRUF, the State and University broadcasting station, located at Gainesville. In addition to cultural programs, instruction, information and entertainment by lectures and discussion are offered for the benefit of special groups, schools and individuals by radio or directly.

DEPARTMENT OF CITIZENSHIP TRAINING

Citizens Military Training Camps Bureau—Recognizing the educational value of the Citizens Military Training Camps, this Department assists the Military Training Camps Association and the War Department in enrolling young men for this training.

Americanization Bureau—Training for naturalization, citizenship schools and co-operation with patriotic societies are carried on through this Bureau.

DEPARTMENT OF VISUAL INSTRUCTION

This department has a large library of visual aids, owned by the state, and lent to clubs, schools, and communities for purposes of cultural entertainment and instruction. This library is supplemented with materials secured by co-operating with large corporations and the Departments and Bureaus of the United States Government. Motion picture films, slides, collections of reproductions of masterpieces, prints, charts and graphs, accompanied by lecture notes are available.

DEPARTMENT OF GENERAL INFORMATION AND SERVICE

Bureau of Public Information and Library Service—This Bureau acts as a clearing house for all kinds of information upon request for help on any problem confronting the individual or community.

Package libraries and reference books are lent to citizens.

Story books suitable for children of all grades are sent to teachers to read to their students.

Traveling libraries are furnished to schools.

Club study outlines and guides for home reading are offered.

Public School and Community Center Bureau—This Bureau supervises the high school interscholastic academic and forensic contests,

culminating in a state contest held annually at the University. This work includes the state high school debating contest, the state Oratorical contest, held in co-operation with the National Oratorical Association; a declamatory contest; a series of contests in academic subjects; and a contest among high school newspapers and annuals. A state convention of journalism teachers, staff officers, and supervisors is held in connection with the state contest.

The Bureau also offers the services of a Recreational Engineer to schools and communities to assist them in their physical training and outdoor recreational program. Work in health education is conducted, a library of plays, recitations and talking machine records is maintained for the use of the schools, and co-operation is given Parent-Teachers Associations.

Student Extension Activities Bureau—Through this bureau, students at the University of Florida offer to assist schools and communities by giving commencement addresses, illustrated lectures, open forum debates and by acting as judges and coaches in athletic and forensic contests, and dramatics.

In the interest of student activities and welfare at the University of Florida, contact is maintained with numerous American colleges and universities.

Publications Bureau—The Publications Bureau publishes articles and bulletins concerning extension work. Technical and informational bulletins on subjects of interest to the public are also published and distributed.

DEPARTMENT OF EXTENSION RESEARCH

The act of the Legislature creating the General Extension Division states that the Division "shall gather information on subjects useful to the people of the state, and carry it to them." To fulfill more nearly the provisions of this act, the Extension Research Department conducts investigations relative to economic, educational and public welfare problems of general interest.

Municipal Reference and Social Service Bureau—The Bureau promotes study of the problems of municipal government and social administration. A reference library is maintained and informational articles, bulletins and books are lent upon request.

Address all communications to the Dean, General Extension Division, University of Florida, Gainesville.

PART IV

DEPARTMENTS

OF

INSTRUCTION

1929-30

THE DEPARTMENTS OF INSTRUCTION

Course numbers have the following meanings:

1. Courses with odd numbers are given in the first semester; with even numbers, in the second semester;
2. Courses with second number in parenthesis, e. g. 21 (22) are year courses and may not be divided without permission;
3. Courses with numbers separated by hyphens, e. g. 21-22, are year courses but may be divided;
4. A "0" preceding a number, as 21-021, is to indicate that the course is a semester course which may be given either or both semesters.
5. Courses with a single number, e. g. 21, or 22, are semester courses.
6. The hours indicated are the number of hours the class meets each week.
7. The credits indicated are the number of semester credits earned when the course is completed.

AGRICULTURAL CHEMISTRY

Professor Leigh, Professor Black, Professor Beisler, Professor Heath, Associate Professor Jackson, Assistant Professor Goodwin.

NOTE: The instruction in this department is designed primarily to fit the needs of agricultural students. By means of lectures, recitations and laboratory work the student is taught the fundamental chemical principles underlying and controlling all plant and animal life. Laboratory courses are provided covering the quantitative analysis of agricultural products.

(For courses offered in Agricultural Chemistry, see Chemistry, page 159.)

AGRICULTURAL ECONOMICS

Professor Turlington, Associate Professor Hamilton, Instructor Brumley, Instructor Timmons, Mr. Haskell, Mr. Zentgraf.

54. Farm Management—An elementary course in organization of the farm business. The laying out of fields, location of buildings, farm accounting, and important factors affecting profits. *(Short courses. 3 hours. No credit. Timmons, Turlington.)*

301. Fundamental Principles—The fundamental principles of economics in their relation to agriculture. *(3 hours. 3 credits. Turlington.)*

303. Farm Records—Methods and practice of making and keeping farm inventories, feed records, crop records, and a study of statistical methods. *(Prerequisite: Sophomore year. Laboratory fee, $3.00. 2 class and 1 laboratory periods. 3 credits. Timmons, Turlington.)*

306. Farm Management—The factors of production; systems of farming, their distribution and adaptation; problems of labor, machinery, laying out of farms and rotation systems. *(Prerequisite: Sophomore year. Laboratory fee, $3.00. 2 class and 1 laboratory periods. 3 credits. Turlington, Brumley.)*

308. Marketing—Marketing and distributing farm products; marketing organizations and laws governing them; the relation of foreign trade and general business conditions to the farmer's market. *(Prerequisite: Sophomore year. Laboratory fee, $3.00. 2 class and 1 laboratory periods. 3 credits. Hamilton.)*

311. Rural Law—Classification of property, boundaries, fences, stock laws, rents, contracts, deeds, abstracts, mortgages, taxes, laws governing shipping, etc. *(Prerequisite: Sophomore year. 2 hours. 2 credits. Turlington.)*

403. Advanced Farm Management—Laying out and locating various buildings, lots, fields and crops; cropping systems; farm surveys, and a study of successful Florida farms. *(Prerequisite: Agricultural Economics 301 and 306. Laboratory fee, $3.00. 3 hours. 3 credits. Turlington, Brumley.)*

405. Agricultural Prices—Prices of farm products and the factors affecting them. *(Laboratory fee, $3.00. 2 class and 1 laboratory periods. 3 credits. Hamilton.)*

408. Marketing Fruits and Vegetables—The marketing of citrus, tomatoes, beans, potatoes and other Florida products. *(Laboratory fee, $3.00. 2 class and 1 laboratory periods. 3 credits. Hamilton.)*

409. Cooperative Marketing—Cooperative buying and selling organizations, their successes and failures; methods of organization, financing and business management. *(Laboratory fee, $3.00. 3 hours. 3 credits. Hamilton.)*

410. Statistics—The principles involved in the collection, tabulation and interpretation of agricultural statistics. *(Laboratory fee, $3.00. 2 class and 1 laboratory periods. 3 credits. Brumley, Hamilton.)*

501-502. Farm Management Seminar—Study of recent literature and research work. For graduate students; elective for seniors on approval. *(2 credits. Turlington, Brumley.)*

503-504. Marketing Seminar—Review of recent literature and research work in marketing. For graduate students; elective for seniors on approval. *(2 credits. Hamilton, Turlington.)*

505-506. Research Problems—Thesis problems, with approval of the head of the department. *(Hours and credit to be arranged.)*

508. Land Economics—Rural taxation, colonization and adjustments of rural lands to their best uses. Open to seniors by permission of the Dean and head of the department. *(Hamilton, Turlington.)*

AGRICULTURAL ENGINEERING

Professor Rogers, Assistant Professor Eshleman, Mr. Woodruff.

21. Farm Machinery—Care, construction, operation and selection of farm machinery. *(Short courses. Laboratory fee, $1.00. 1 class and 2 laboratory periods. No credit. Rogers.)*

104. Wood Work—Practice in adjustment, care and use of wood working tools, exercises in bench work, farm equipment and farm building construction. *(Laboratory fee, $1.00. 2 laboratory periods. 2 credits. Eshleman.)*

202. Farm Machinery—Construction, operation and selection of harvesting, seeding, spraying and tilling machinery. *(Laboratory fee, $1.00. 2 class and 2 laboratory periods. 4 credits. Rogers.)*

204. Agricultural Organization—The organization and proceedings of agricultural societies. *(1 class period. 1 credit. Rogers.)*

301. Drainage and Irrigation—Farm surveying, drainage and irrigation systems; field practice in surveying and designing systems. *(2 class and 1 laboratory periods. 3 credits. Rogers.)*

302. Farm Motors—The sources of power on the farm; automobile, tractor and stationary gasoline engines; electric motors and windmills. *(Laboratory fee, $2.00. 2 class and 1 laboratory periods. 3 credits. Rogers.)*

303. Farm Shop—Belt lacing, carpentry, concrete construction, soldering and other farm shop operations; specially useful for students intending to teach agricultural engineering in vocational schools. *(1 class and 2 laboratory periods. 3 credits. Rogers.)*

401. Farm Buildings—Construction, cost, management, sanitation and ventilation of farm buildings; laboratory exercises in designing and estimating costs. *(2 class and 1 laboratory periods. 3 credits. Rogers.)*

402. Farm Concrete—Selection of materials; curing, mixing, placing, reinforcing, testing and waterproofing concrete. *(1 class and 1 laboratory periods. 2 credits. Rogers.)*

501-502. Agricultural Engineering Seminar.—Review of the literature on agricultural engineering subjects. For graduate students; elective for seniors on approval. *(2 credits. Rogers.)*

503-504. Research Work—Special problems in agricultural engineering. *(2 to 6 credits. Rogers.)*

AGRONOMY

Professor Bryan, Instructor Ritchey, Mr. Camp, Mr. Richardson.

21-22. Elements of Agronomy—A practical course in farm crops, fertilizers and soil fertility. Designed to meet the needs of special students. *(2 hours. No credit. Bryan.)*

201. Farm Crops—The history, characteristics, adaptations, fertility requirements, cultural practices and uses of the leading field crops. *(Laboratory fee, $1.00. 2 class and 1 laboratory periods. 3 credits. Ritchey.)*

301. Soils—The nature and properties of the soil as related to fertility and crop production. *(Prerequisite: Chemistry 101-102. Laboratory fee, $2.00. 3 class and 2 laboratory periods. 5 credits. Bryan.)*

302. Fertilizers and Manures—The nature, source and composition of various fertilizer materials, their influence on crops and soils; fertilizer requirements for various crops; use of farm manures; formulas; home mixing, etc. *(Prerequisite: Agronomy 301. 2 class and 1 laboratory periods. 3 credits. Bryan.)*

304. Forage Crops—The plants that produce feed for livestock, including pasture grasses, legumes, etc.; their characteristics, composition, adaptations and cultural methods. *(Prerequisite: Agronomy 201. 2 class and 1 laboratory period. 3 credits. Ritchey.)*

307. Agricultural Genetics—A general course in Genetics as applied to heredity and variation in plants and animals. Practice in calculating ratios, tabulating and interpreting data obtained from plant and animal breeding. *(Prerequisite: Botany 101-102. Laboratory fee, $2.00. 2 class and 1 laboratory periods. 3 credits. Ritchey.)*

402. Breeding Crop Plants—The fundamental principles of crop improvement, including experimental methods, breeding, selection, pure seed production and distribution. Practice will be given in plant breeding garden. *(Prerequisite: Agronomy 201. 2 class and 1 laboratory periods. 3 credits. Ritchey.)*

405. Soil Fertility—The factors involved in crop production; source and loss of plant nutrients; methods and results obtained by laboratory and field experiments. *(Prerequisite: Agronomy 303. 3 hours. 3 credits. Bryan.)*

407. Special Crops—Study of the nature, classification, adaptations, cultural practices, and uses of tobacco, sweet potatoes, and other minor crops. *(Prerequisite: Agronomy 201. 2 hours. 2 credits. Ritchey.)*

500-501. Agronomy Seminar—A review of the scientific literature dealing with soils and farm crops. *(2 credits. Bryan.)*

504. Origin and Classification of Soils—The origin and principles of soil classification. Detailed maps of certain areas will be required. *(Prerequisite: Agronomy 302. 2 class and 1 laboratory period. 3 credits. Bryan.)*

505-506. Research Work—Special problems in soils and farm crops. *(2 to 10 credits. Bryan, Ritchey.)*

507. Advanced Soil—The mineral and organic components of the soil and their physico-chemical properties, including the origin, nature and significance of soil colloids; soil reaction, repacable bases and plant responses. *(2 classes and 1 laboratory period. 3 credits. Laboratory fee $3.00. Bryan.)*

508. Methods of Crop Investigation—Study of the experimental technique in connection with field plot variation, seasonal influences, etc., with methods of minimizing their effects on results; assimilating, summarizing and interpreting data. *(Prerequisite: Agronomy 201. 2 class and 1 laboratory periods. 3 credits. Ritchey.)*

510. Soil Biology—The micro-organisms in the soil, their effect on the fertility of the soil and plant growth. *(Prerequisites: Agronomy 303, Bacteriology 302. Laboratory fee, $2.00. 2 class and 1 laboratory periods. 3 credits. Bryan.)*

ANIMAL HUSBANDRY AND DAIRYING

(For courses in Dairying, see page 169.)

Professor Willoughby, Instructor Martin.

ANIMAL HUSBANDRY

21. Elements of Animal Husbandry—Breeds of farm animals, principles of feeding, breeding and management. *(Four-months course. 3 hours. No credit. Willoughby.)*

102. Types and Breeds of Animals—Types, breeds and classes of horses, cattle, sheep and swine; score-card and comparative judging. *(2 classes and 1 laboratory period. 3 credits. Martin, Willoughby.)*

201. Animal Feeding—Composition of plants and animals; feeding standards and rations for farm animals. *(2 hours. 2 credits. Martin.)*

202. Animal Breeding—History and principles of the breeding of animals; foundation and management of a breeding business. *(2 hours. 2 credits. Willoughby.)*

203. Beef Production—Selection, feeding and management of beef cattle; finishing and marketing. Brief study of mutton production. *(Prerequisite: Animal Husbanrdy 102. 3 hours. 3 credits. Willoughby.)*

204. Swine Production—Selection, feeding and management of swine; equipment for hog farm; slaughtering and marketing. *(Prerequisite: Animal Husbandry 102. 2 hours. 2 credits. Martin.)*

205. Advanced Stock Judging—Special training in live stock judging, show ring practice and contests at fairs. *(Prerequisite: Animal Husbandry 102. 1 class and 2 laboratory periods; 3 credits. Willoughby.)*

301. Breed History—History of breeds; pedigrees and registration methods. *(Prerequisites: Animal Husbandry 101, 202. 2 hours. 2 credits. Willoughby.)*

303. Meat Products—Farm slaughtering and packinghouse methods; curing, processing and marketing of meats and special products. *(Prerequisites: Animal Husbandry 203, 204. 2 hours. 2 credits. Willoughby.)*

305-306. Animal Nutrition—Feeds, feeding and management of farm live stock. *(Prerequisites: Animal Husbandry 101, 201. 2 hours. 4 credits. Martin.)*

401-402. Seminar—History of live stock industry in America; special dairy and live stock topics; review of recent research. *(For seniors and graduates. Hours and credit to be arranged. Martin, Willoughby.)*

ARCHITECTURE

(Including Mural Painting)

Professor Weaver, Instructor Long, Instructor Larson, Instructor Burkhart, Instructor Hannaford, Instructor Gill, Mr. Arnett

The courses in Architecture and Painting are divided in sections as follows:

ARCHITECTURE

Design	*Delineation*	*Construction*
Arch. 101-102	Arch. 121-122	Arch. 151-152
Arch. 201-202	Arch. 221-222	Arch. 454-455
Arch. 301-302	Arch. 226-227	
Arch. 401-402	Arch. 228	
Arch. 310	Arch. 321	
	Arch. 521-526	

Theory	*History*	*Mechanical Equipment*
Arch. 112	Arch. 231-232	Arch. 464
Arch. 314	Arch. 331-332	Arch. 466
Arch. 416	Arch. 435	Arch. 468

MURAL PAINTING

Painting 103-104	Painting 203-204
Painting 107	Painting 207-208
Painting 115-116	Painting 211-212
Painting 117-118	Painting 219-220

For description of courses in Painting, see page 209.

101. ARCHITECTURAL DESIGN—This is the beginning course in architectural design and consists of lectures and small problems in plan and elevation employing only the wall, roof, beam and pier as structural elements, with mouldings and simple belt courses as decorative elements. The orders are not introduced, either as structural or decorative elements, until the second semester.

Plan and elevation are studied without reference to historic precedent. The student is encouraged to use his own judgment, without reference to books in this course; the development of initiative and the creative faculties being placed above draftsmanship and conventionality of result. *(First semester, three three-hour drafting-room periods with occasional lectures. 3 credits.)*

102. ARCHITECTURAL DESIGN—A continuation of 101. Small buildings are designed and the orders are introduced as both structural and decorative elements. Research is encouraged and draftsmanship emphasized, but the arrangement of plan and fitness to its use, appropriate expression of elevation, proportion and scale, are given major emphasis. *(Second semester, three three-hour drafting-room periods. 2 credits.)*

112. ELEMENTS OF BEAUTY—A discussion of the manifestations of beauty in nature with lectures on the various modes of its expression in the arts, particularly in architecture. Special lectures are given by instructors in other departments on the drama, poetry, music and other arts. Assigned reading and problems. *(Second semester, 1 hour. 1 credit.)*

121-122. FREEHAND DRAWING—An introduction to perspective with outdoor sketching in pencil occupies the first third. The remaining two-thirds is given to charcoal drawing from casts and from still life groups. *(Two three-hour periods. 2 credits each semester.)*

201-202. Architectural Design—A continuation of 101-102 with larger types of buildings and more emphasis placed upon research, draftsmanship and rendering. Use of the more complex structural features is encouraged and problems are given which include interior furnishing, mural decoration, sculpture and landscape gardening. *(Three three-hour drafting-room periods. 3 credits each semester.)*

221-222. Freehand Drawing—Outdoor sketching is resumed during the first third of the semester. The remaining time is given to cast drawing in charcoal. In the second semester, cast drawing is continued except during the last third which is devoted to compositions of archaeological material, drawn in charcoal. *(Three two-hour drawing periods. 2 credits each semester.)*

226. Elementary Water Color—Color theory and various methods of applying water color. Still life and simple landscapes. *(Second semester, two three-hour drawing periods. 2 credits.)*

227. Perspective—A discussion of the phenomena of perspective and methods of representing distance, followed by exercises in drawing architectural perspectives. *(First semester, two three-hour periods. 2 credits.)*

228. Modeling—Modeling architectural forms in clay. Original problems in mass composition are given. Elective for the present. *(Two three-hour periods. 2 credits.)*

231-232. Architectural History—A series of lectures with stereopticon slides covering Egyptian, Assyrian, Persian, Greek, Roman, Early Christian, and Byzantine Architecture. Historical and other influences, materials and methods of construction. Comparison of the styles. Supplemented by reference reading and sketching. *(Two lectures. 2 credits each semester.)*

301-302. Architectural Design—The third year of architectural design with preliminary sketches, rendered studies, final drawings and additional sketch problems. *(First semester, three four-hour drafting-room periods. 4 credits. Second semester, three three-hour drafting-room periods. 3 credits.)*

310. Residence Design—An effort is made to teach the students to plan houses from the point of view of use according to the social habits of the owner, recognizing the requirements of efficiency in the working parts and the behaviorism of the occupants in the living parts. Consideration is given to furniture placement, location of kitchen

equipment and other considerations too often neglected in house design. *(Second semester given with Arch. 302 during the second third of the semester. Six lectures and 40 hours of drafting given with 302. 1 credit.)*

314. THEORY OF COMPOSITION—Lectures on Architectural Composition with assigned reading and required sketches. *(Second semester, 1 hour. 1 credit.)*

321. FREEHAND DRAWING—Life. Charcoal sketching alternating with quick pencil sketching from action poses. The greater portion of time is given to careful charcoal studies of the figure. *(First semester, three two-hour drawing periods. 2 credits.)*

331-332. ARCHITECTURAL HISTORY—A continuation of Arch. 231-232, covering Romanesque, Gothic, Renaissance, and Modern Architecture. Supplemented by reference reading and sketching. *(Two lectures. 2 credits each semester.)*

351. FRAME CONSTRUCTION—The nature and properties of woods used in building construction. Methods of construction. *(First semester, two lectures and drawings. 2 credits.)*

352. MASONRY CONSTRUCTION—Building materials and methods other than those included in Frame Construction. *(Second semester, two lectures and drawings. 2 credits.)*

401-402. ARCHITECTURAL DESIGN—Advanced Architectural Design covering the more complex problems of planning and composition, a continuation of the work and experience gained in the preceding three years. *(Three four-hour and one three-hour drafting-room periods. 5 credits each semester.)*

416. PROFESSIONAL PRACTICE—Lectures on the ethics and methods of modern practice. *(Second semester, 1 hour. 1 credit.)*

435. DECORATIVE ARTS—A brief study of the decorative arts allied with architecture. Lectures with assigned reading and research plates. *(First semester. 1 credit.)*

454. CONCRETE DESIGN—A course in reinforced concrete design, primarily intended for architectural students. *(Second semester, two lectures and problems. 2 credits.)*

455. WORKING DRAWINGS—The preparation of scale drawings and details as issued to the builder in actual practice. *(First semester, two three-hour drafting-room periods. 3 credits.)*

464. Heating and Ventilating—A course in Heating and Ventilating given in the Mechanical Engineering Department especially arranged for architectural students. *(Second semester, one one-hour lecture. 1 credit.)*

466. Electric Lighting—Illumination and wiring of buildings, given in the Electrical Engineering Department for architectural students. *(Second semester. 1 credit.)*

468. Plumbing—A study of hot and cold water supply; drainage and sewage disposal; plumbing methods, materials and fixtures. *(Second semester. One lecture each week with outside drafting. 1 credit.)*

521. Freehand Drawing—A continuation of Arch. 321. Advanced life drawing. Refinement of proportion and the use of the human figure in architectural decoration are emphasized. *(Second semester, two three-hour periods. 2 credits.)*

526. Water Color—Continuation of Arch. 226. Color sketches and studies. Rendering architectural exterior and interior perspectives in water color and other mediums. *(First semester. Two three-hour periods. 2 credits.)*

BACTERIOLOGY

(Administered under the Department of Botany and Bacteriology)
Assistant Professor Carroll

301. General Bacteriology—The morphology, physiology and cultivation of bacteria and related microorganisms. Prerequisite to all courses in bacteriology offered by this department. *(Prerequisite: College botany or biology; a knowledge of chemistry desired. Laboratory fee, $5.00. 2 class and 2 laboratory periods. 4 credits. Carroll.)*

302. Agricultural Bacteriology—Bacteria and associated microorganisms in relation to agriculture, the farm, etc. *(Prerequisite: Bacteriology 301. Laboratory fee, $5.00; 2 class and 2 laboratory periods. 4 credits. Carroll.)*

304. Pathogenic Bacteriology—The recognition, culture and special laboratory technique of handling pathogenic bacteria. Theories and principles of immunity and infection. Given alternate years with Bact. 306. Will be given 1929-30. *(Laboratory fee, $5.00; 2 class and 2 laboratory periods. 4 credits. Carroll.)*

306. Bacteriology of Foods—The relation of bacteria, molds, and yeasts to foods; modes of handling and preservation of foods. This course alternates with Bacteriology 304. (1929.) *(Laboratory fee, $5.00; 2 class and 2 laboratory periods. 4 credits. Carroll.*

308. Sanitary Laboratory Practice—Problems in sewage and public sanitation; field work; designed for students in sanitary engineering. *(Laboratory fee, $5.00; 1 lecture and 2 laboratory periods per week. 3 credits. Carroll.)*

401. Clinical Bacteriology—Laboratory work upon special problems preparing for technical expert in field of biological activities of bacteria. Animal experimentation and immunology upon pathogens. Work assigned to particular organisms. *(Prerequisite: Bacteriology 304. Hours to be arranged. A prerequisite to research in bacteriology. Carroll.)*

501-502. Problems in Soil Bacteriology—*(Laboratory fee, $5.00. 8 or 10 credits.)*

503-504. Problems in Dairy Bacteriology—*(Laboratory fee, $5.00. 8 or 10 credits.)*

505-506. Problems in Pathogenic Bacteriology—*(Laboratory fee, $5.00. 8 or 10 credits.)*

BIBLE

Professor Buchholz, Professor Farr, Professor Anderson

NOTE: The following courses are offered to Sophomores, Juniors, and Seniors, embracing such aspects of Biblical study as the University is prepared to give, with a view to providing a major subject in the Bachelor of Arts Curriculum that will permit students to begin preparation for work as secretary or physical director of the Y. M. C. A., for welfare work in mills or social settlements, or for the ministry. The courses offered will be conducted by the instructors in the departments under which the various aspects of the subject naturally fall, and will be given in a spirit free from sectarianism.

201-202. Old Testament History—*(3 hours. 6 credits. Buchholz.)*

203-204. New Testament History—Lectures, Bible readings, text-book. *(3 hours. 6 credits. Buchholz.)*

205 (206). Old and New Testament Greek—See Greek 203 (204).

208. Outstanding Characters of the Old Testament.—*(3 hours. 3 credits. Buchholz.)*

301. The English Bible as Literature—Literary types found in the Bible and the excellence of the work as compared with other great examples of literature. *(Hours to be arranged. Farr.)*

305-306. The Bible as an Ethical and Religious Guide—Lectures, Bible readings, studies of great sermons, text-books on Evidences of Christianity. *(3 hours. 6 credits. Buchholz.)*

307-308. The History of the Christian Church—*(3 hours. 6 credits. Buchholz.)*

309. The Pedagogy of Jesus—Learning to teach from the Master. *(For Juniors and Seniors. 3 hours. 3 credits. Buchholz.)*

BIOLOGY AND GEOLOGY

(For courses in Geology, see page 185.)

Professor Rogers, Associate Professor Hubbell, Associate Professor Sherman, Assistant Professor Byers.

NOTE: For a description of the laboratories, biological station, and general equipment of this department see page 36.

BIOLOGY

101. Principles of Animal Biology—An introduction to the subject matter and principles of zoology. *(A prerequisite for all other courses, except Biology 105. Laboratory fee, $5.00. 2 lecture, 2 laboratory and 1 quiz periods. 5 credits. Rogers, Hubbell, Byers.)*

104. Comparative Vertebrate Anatomy—A comparative study of the structure of the main classes of vertebrates. *(Required of Pre-Medical students. Prerequisite: Biology 101. Laboratory fee, $5.00. 2 lecture, 2 laboratory and 1 quiz periods. 5 credits. Sherman.)*

0105. Elementary Anatomy and Physiology—The elements of vertebrate anatomy with an introduction to the physiological systems of man. *(Open to Pharmacy students only. 2 class and demonstration periods. Fee for demonstration material, $2.00. 2 credits. Sherman.)*

106. Genetics and Evolution—An introduction to the study of variation, selection, and inheritance in animals. The last weeks of the course deal with some of the data of human heredity. *(Prerequisite: Biology 101. 2 lectures and 1 quiz period. 3 credits. Rogers.)*

108. Mammalian Anatomy and Physiology—An introduction to the structure and functioning of the mammalian body with special ref-

erence to man. Individual laboratory dissection of the cat is accompanied by lectures on the human body and physiological demonstrations. *(Primarily for freshmen in Physical Education. Prerequisite: Biol. 101. Laboratory fee $5.00. 2 class and 2 laboratory periods. 5 credits. Sherman.)*

0201. Invertebrate Zoology—The comparative morphology and phylogeny and natural history of the invertebrates, exclusive of insects. *(Prerequisite: Biology 101. Laboratory fee, $5.00. 3 class and 2 laboratory periods. 5 credits. Byers.)*

0202. Entomology—The classification, structure and biology of the insects. *(Prerequisite: Biology 101. Laboratory fee, $5.00. 3 class and 2 laboratory periods. 5 credits. Hubbell.)*

211. Embryology—The principles of general embryology followed by special attention to the development of the vertebrates. *(Prerequisite: Biology 101 and 104. Laboratory fee, $5.00. 3 class and 2 laboratory periods. 5 credits. Sherman.)*

0301. Advanced Invertebrate Zoology—Problems and special studies on the local invertebrate fauna. *(Prerequisite: Biology 201. Laboratory fee, $5.00. Hours and credit to be arranged. Byers.)*

0302. Advanced Entomology—The taxonomy and biology of certain selected groups of insects. *(Prerequisite: Biology 202. Laboratory fee, $5.00. Hours and credit to be arranged. Hubbell.)*

311 (312). Vertebrate Zoology—The classification and natural history of vertebrate animals with special attention to the recognition and habits of the local fauna. *(Prerequisite: Biology 104. Laboratory fee, $3.00 per semester. 1 class and 1 field or laboratory period. 4 credits. Sherman, Rogers.)*

321. Zoological Laboratory Technique—Methods of macroscopic preparations; collecting and culturing of laboratory material; photographic procedures and the care of zoological equipment. *(Prerequisites: Biology 101 and 104. Laboratory fee, $5.00. 1 class and 2 laboratory periods. 3 credits. Rogers, Byers, Sherman.)*

322. Animal Histology and Micro-Technique — An introduction to the subject matter and methods of histology. *(Prerequisites: Biology 101 and 104 or 201. Laboratory fee, $5.00. 1 class and 2 laboratory periods. 3 credits. Byers.)*

402. Animal Ecology—Studies on the local fauna as an introduction to the methods of animal ecology. *(Prerequisite: Biology 201, 202 or 311 (312). Laboratory fee, $5.00. 3 classes and 2 afternoons of work at Biological Station. 5 credits. Rogers.)*

403. Zoogeography—The distribution of animals in space and time. *(Prerequisites: Biology 201, 202 and 311-312; Geology 202. 3 hours. 3 credits. Hubbell.)*

415. Medical Zoology—The animal organisms, especially the Protozoa, worms, and Arthropods, producing pathogenic conditions in man and the higher vertebrates. *(Prerequisite: Biology 201. Laboratory fee, $5.00. 3 class and 2 laboratory periods. 5 credits. Byers.)* Not given in 1928-29.

421. The History and Literature of Biology—An outline of the development of the modern content and theories of biology. *(Prerequisites: Biology 104, 106. 2 hours. 2 credits. Rogers, Hubbell, Byers.)*

510 or 0510. Problems in Animal Ecology—*(Prerequisite: a major in Biology including Biol. 402. Hours and credit to be arranged. Rogers.)*

512 or 0512. Problems in Invertebrate Zoology or Entomology—*(Prerequisite: a major in Biology including Biol. 201 and 202. Hours and credit to be arranged. Hubbell or Byers.)*

514 or 0514. Problems in Vertebrate Zoology—*(Prerequisite: a major in Biology. Hours and credits to be arranged. Sherman.)*

BOTANY AND BACTERIOLOGY

(For courses in Bacteriology, see page 146.)

Professor Cody, Assistant Professor Carroll.

BOTANY

General Botany is a prerequisite to all botanical courses in this department.

101. General Botany—The plant cell; structure and life histories of spore plants. *(Laboratory fee, $5.00. 2 class and 2 laboratory periods per week. 4 credits. Cody, Carroll.)*

102. General Botany—Structure, life histories and principles of classification of seed plants. *(Laboratory fee, $5.00. 2 class and 2 laboratory periods. 4 credits. Cody, Carroll.)*

201-0201. PLANT PHYSIOLOGY—The functioning of plants with relation to absorption, transpiration, assimilation, respiration and growth. *(Desired prerequisites: Chemistry 253 or equivalent, Physics 105-106 or equivalent. Laboratory fee, $5.00. 2 class and 2 laboratory periods. 4 credits. Cody.)*

210. TAXONOMY—Identification of common seed plants and ferns of Gainesville region. *(Laboratory fee, $5.00. 1 class and 3 laboratory periods. 4 credits. Cody.)*

302. ADVANCED PLANT PHYSIOLOGY—Special physiological processes, enzymic activities and metabolism. Preliminary work to research in plant physiology. *(Prerequisite: Botany 201. Laboratory fee, $5.00. 2 class and 2 laboratory periods. 4 credits. Cody.)*

310. PROBLEMS IN TAXONOMY—A critical study of a plant family or genus. *(Prerequisite: Botany 210. Laboratory fee, $5.00. 1 class and 3 laboratory periods. Much time spent in field. 4 or 5 credits. Cody.)*

320. GENERAL MORPHOLOGY OF SEED PLANTS—Structure and life histories of seed plants; process of fertilization. *(Laboratory fee, $5.00. 2 class and 2 laboratory periods. 4 credits. Cody.)*

330. METHODS IN PLANT HISTOLOGY—Principles and practice in killing, fixing, sectioning and staining plant materials. *(Desired requisite: Chemistry 251 or equivalent. Laboratory fee, $5.00. 1 class and 3 laboratory periods. 4 or 5 credits. Cody.)*

333. PLANT ANATOMY—Structure and function of principal tissues and organs of plants. *(Desired prerequisite: Botany 330. Laboratory fee, $5.00. 1 class and 3 laboratory periods. 4 or 5 credits. Cody.)*

401. ECOLOGY—The relation of plants to their environment with special reference to soil, light and moisture. *(Prerequisites: Botany 210, some knowledge of agronomy and geology desired. 4 or 5 credits. Cody.)*

COURSES FOR GRADUATE STUDENTS

(Laboratory fee, $5.00 per semester; credit, 4 to 5 hours per semester.)

501. PROBLEMS IN TAXONOMY—Research.

503. PROBLEMS IN PLANT PHYSIOLOGY—(Nutrition, assimilation, etc.)

505. PROBLEMS IN PLANT HISTOLOGY—Comparative methods in killing, fixing, sectioning and staining plant tissues.

BUSINESS ADMINISTRATION

Professor Matherly, Professor Anderson, Associate Professor Gray, Associate Professor Dolbeare, Associate Professor Dykman, Associate Professor Myers, Assistant Professor Hurst, Assistant Professor Atwood, Assistant Professor Eldridge, Assistant Professor Wilson, Instructor Ward, Graduate Assistant Rahner, Graduate Asistant Peel.

Student Assistants: Boyd, Davidson, Putnam, and Scaglione.

NOTE 1: The courses in Business Administration are given by the Department of Economics and Business Administration, instructors in this department dividing their time between economics and business administration. The courses in economics are listed under the Department of Economics, page 170.

NOTE 2: The courses in Business Administration marked E are the same courses as those in Economics. For example Business Administration 101E is the same as Economics 101, or Business Administration 302E is the same as Economics 302.

81. BUSINESS ADMINISTRARION—Office Management: Office organization; office functions; duties of office manager; the modern secretary in relation to office operation. Proficiency in the use of the typewriter will be required. Typing room with typewriters will be provided for the use of students. *(Laboratory fee, $20.00. 1 lecture and 4 laboratory hours. 1 credit. .....)*

82. BUSINESS ADMINISTRATION—Office Management: Office appliances; handling correspondence; office records; methods of filing. The student will be required to attain proficiency in shorthand. *(Laboratory fee, $20.00. 1 lecture and 4 laboratory hours. 1 credit. .....)*

101E. ECONOMIC HISTORY OF ENGLAND—See Economics 101. *(3 hours. 3 credits. Myers, Hurst, Dykman.)*

102E. ECONOMIC HISTORY OF THE UNITED STATES—See Economics 102. *(3 hours. 3 credits. Myers, Dykman, Hurst.)*

103. PRINCIPLES OF ECONOMIC GEOGRAPHY—A study dealing with the geographic factors and geographic principles necessary to the understanding of the relationships existing between man and his natural environment. A world wide survey of the distribution and characteristics of surface features, climate, soils, vegetation, and animal life and the adjustments man has made to them to secure a living. *(3 hours. 3 credits. Atwood and Eldridge.)*

104. PRINCIPLES OF ECONOMIC GEOGRAPHY—This course deals primarily with the occupations of man and the geographic factors which condition these activities. The resources and production of the various commodities are linked with the demand for them. The interdependance of the nations of the world is stressed, and the need of a better

understanding of the problems confronting the people in other countries. *(3 hours. 3 credits. Atwood and Eldridge.)*

201 (202)E. Principles of Economics—See Economics 201 (202.) *(3 hours. 6 credits. Dolbeare, Anderson, Eldridge, Myers.)*

211 (212). Principles of Accounting—Lectures, problems, and laboratory practice. An introductory study of the underlying principles of double entry records; basic types of records and reports; accounting procedure and technique; the outstanding features of partnerships and corporations; the form and content of the balance sheet and the statement of profit and loss. *(2 lectures and 2 laboratory hours. 6 credits. Gray and others.)*

302E. Elements of Statistics—See Economics 302. *(Prerequisite: Business Administration 201-202E. 3 hours. 3 credits. Anderson.)*

311 (312). Advanced Accounting—Lectures and problems. An advanced study in accounting theory and practice. Special types of problems involving partnerships; corporations; agencies and branches; consignments; insolvent concerns; valuation of various types of assets; analysis of financial statements; etc. *(Prerequisite: Business Administration 211-212. 3 hours. 6 credits. Gray.)*

321E. Financial Organization of Society—See Economics 321. *(Prerequisite: Business Administration 201-202E. 3 hours. 3 credits. Dolbeare, Eldridge.)*

322. Financial Management—The financial manager's task in an operating business enterprise; the financial policies, methods, and practices in raising both fixed and working capital; internal organization and procedure for financial control; the financial function in business administration. *(Prerequisite: Business Administration 321E. 3 hours. 3 credits. Dolbeare, Dykman.)*

331. Principles of Salesmanship—Actual practice in sales methods, including preparation for and obtaining the interview; presenting the sales talk; meeting and overcoming objections; detailed study of the stages of the sale; attention, interest, desire and action; sales tactics; sales personality. Principles covered apply to all kinds of selling specialties, styles, etc. *(3 hours. 3 credits. Wilson.)*

332. Retail Store Management—Retail store problems; types of stores; executive control; purchasing; accounts; location; service;

organization; management of employees and price policies. *(3 hours. 3 credits. Wilson.)*

341. PRODUCTION MANAGEMENT—The problems involved in the construction, equipment and administration of a manufacturing enterprise. The unit of study is the factory. The subject matter is treated under four heads: the underlying principles of production, the agencies of production, the control of production operations, and the establishment of production standards. *(Prerequisite: Business Administration 201-202E. 2 credits. Wilson.)*

351E. RAILWAY TRANSPORTATION—See Economics 351. *(Prerequisite: Business Administration 201-202E. 3 hours. 3 credits. Anderson.)*

352E. OCEAN TRANSPORTATION—See Economics 352. *(Prerequisite: Business Administration 201-202E. 3 hours. 3 credits. Atwood.) Not given 1929-30.*

355.* BUSINESS WRITING—Rapid review of basic principles of English composition; study of stylistic qualities demanded in the best modern business writing; extensive reading, analysis, and construction of the common types of business letters and reports. No credit will be allowed until the student has attained a definite objective standard in English minimum essentials. *(Prerequisite: English 101-102. Required of all juniors. One semester; 3 hours. 3 credits. Repeated second semester. Mounts.)*

361. PROPERTY INSURANCE: Fire and Marine—Introduction to property insurance; careful analysis of fire and marine insurance; the nature of fire and marine risks; fire and marine companies and their operations; premiums; local agents and their functions; selling fire and marine insurance. *(Prerequisites: Business Administration 201-202E. 3 hours. 3 credits. Dykman.)*

362. PROPERTY INSURANCE: Bond, Title and Casualty—Continuation of property insurance; the nature of bonding, premiums charged and companies underwriting; the principles of title and casualty insurance. *(Prerequisites: Business Administration 201-202E. 3 hours. 3 credits. Dykman.)*

372. PERSONNEL MANAGEMENT — The problems of labor adjustment, and various methods of dealing with them; an examination of the functions of a personnel department, methods of supply, selection,

*Business Administration 355 is the same as English 355.

training, promotion, and discharge of employees, and various methods of maintaining industrial good will, as works councils, profit-sharing, etc. *(Prerequisite: Business Administration 201-202E. 2 hours. 2 credits. Myers.)*

381E. Economic Geography of North America—See Economics 381. *(Prerequisites: Business Administration 103-104 and 201-202E. 3 hours. 3 credits. Atwood.) Not given 1929-30.*

401. Business Law—Contracts and agency; the formation, operation, interpretation, and discharge of binding agreements; creation of the relation of agency; types of agents; rights and obligations of the agent, principal, and third party; termination of the relationship of agency. *(3 hours. 3 credits. Hurst.)*

402. Advanced Business Law—Conveyances and mortgages of real property; sales and mortgages of personal property; the law of negotiable instruments; partnership. *(3 hours. 3 credits. Hurst.)*

404E. Social Control of Business Enterprise—See Economics 404. *(Prerequisite: Business Administration 201-202E. 3 hours. 3 credits. Hurst.)*

409 (410). Business Policy—Correlation, coordination and tieing together of the various specialized courses in business administration. The point of view is that of the chief executive. The forms of organization, external and internal relationships of the business, lines of authority, duties and responsibilities of functional departments, methods of determining policies, and standards of operating efficiency. Various faculty members and outside business executives assist the instructor in charge in the presentation of specific business cases and problems. Students are required to apply business principles to these cases and problems and make written reports thereon. *(2 hours. 4 credits. Matherly.)*

411. Cost Accounting—Lectures and problems. A study of the methods of collection, compilation, and interpretation of cost data for industrial enterprises; preparation of records and reports; uses of cost data in business control. *(Prerequisite: Business Administration 211-212. 3 hours. 3 credits. Gray.)*

412. Auditing—Lectures and problems. A study of auditing theory and practice, principal kinds of audits, and the solution of illustrative problems. *(Prerequisite: Business Administration 311-312. 3 hours. 3 credits. Gray.)*

413. Advanced Accounting—Lectures and problems. A continuation of Business Administration 311-312. An advanced study in accounting theory and practice. *(Prerequisite: Business Administration 311-312. 3 hours. 3 credits. Gray.)*

414. Income Tax Procedure—Lectures and problems. A study of the Federal Income Tax law and the related accounting problems. Exercises in the preparation of tax returns for individuals and corporations. *(Prerequisite: Business Administration 311-312. 3 hours. 3 credits. Gray.)*

422. Investments—The various forms of investments with reference to their suitability for the different types of investors; the money market, its nature and the financial factors which influence the price movements of securities; elements of sound investment and methods of computing net earnings, amortization, rights and convertibles. The aim will be to train the student to act efficiently in a financial capacity either as a borrower or lender, as investor or trustee, or as fiscal agent of a corporation. *(Prerequisite: Business Administration 321E. 3 hours. 3 credits. Eldridge.)*

423. Banking—The theory, organization, and practice of commercial banking: the theory and principles involved; the banking system of the United States compared with other leading countries; and a survey of banking practice as regards internal organization and operation of an individual bank. *(Prerequisite: Business Administration 321E. 3 hours. 3 credits. Dolbeare.)*

424E. Money—See Economics 424. *(Prerequisite: Business Administration 321E. 3 hours. 3 credits. Dolbeare.)*

429E. Government Finance—See Economics 429. *(Prerequisite: Business Administration 201-202E. 3 hours. 3 credits. Anderson.)*

431E. Principles of Marketing—See Economics 431. *(Prerequisite: Business Administration 201-202E. First semester. 3 hours. 1 1-2 credits. Wilson.)*

432. Market Management—The function of marketing in the operation of business enterprise from the point of view of the sales manager and the purchasing agent. An introduction to market analysis, market research, formulation of marketing policies, choice of channels of distribution, methods of advertising and administrative control of marketing activities. *(Prerequisite: Business Administration 331E. 3 hours. 3 credits. Wilson.)*

433. Advertising—A study of the purposes of Advertising; the tools of advertising expression, copy, display, visualization, and layout; the placing of advertising as to media; the placing of all these elements together. How advertising gets its facts through research; how it creates vital ideas around which campaigns are built; how entire campaigns are put together and are carried out. *(3 hours. 3 credits. Wilson.)*

434. Advanced Advertising—The technique of advertising. Consideration of the mechanics of advertising, types of advertising copy, theories of literary style as applied to copy writing, advertising policies, and methods of testing the effectiveness of advertising activities. *(3 hours. 3 credits. Wilson.)*

435E. Principles of International Trade—See Economics 435. *(Prerequisites: Business Administration 103-104 and 201-202E. 3 hours. 3 credits. Atwood.)*

436. Foreign Trade Technique—See Economics 436. *(Prerequisite: Business Administration 103-104 and 201-202E. 3 hours. 3 credits. Atwood.)*

438E. Trade Horizons in Latin America—An analysis of the industrial and commercial development in Latin America and its direct and indirect effects on trade with the United States. A study of the economic and geographic factors that affect Latin American countries as a market for United States' products and as a source of raw materials. *(Prerequisite: Business Administration 435E. 3 hours. 3 credits. Atwood.)*

461. Life Insurance—The functions of life insurance; the science of life insurance and the computation of premiums; types of life companies; life insurance law; the selling of life insurance. *(Prerequisites: Business Administration 201-202E. 3 hours. 3 credits. Dykman.)*

469 (470). Business Forecasting—This course aims to survey the problem of the reduction of business risk through the interpretation of statistics. The statistical methods used by the leading commercial agencies in forecasting the business cycle will be examined and some attention will also be given to methods of forecasting the market for particular commodities. A quantitative approach to the general problem of economic equilibrium will constitute the nucleus of the

course. *(Prerequisite: Business Administration 302E. 3 hours. 6 credits. Anderson.)*

473E. Labor Problems—See Economics 473. *(Prerequisites: Business Administration 201-202E. 3 hours. 3 credits. Myers.)*

GRADUATE COURSES

504E. Problems in Trust Regulation—See Economics 504. *(3 hours. 3 credits. Hurst.)*

509-510. Seminar in Business Management—Special studies in the management theory and practice. *(2 hours. 4 credits. Matherly.)*

511-512. Seminar in Accounting—Special problems and investigations will be assigned to individual students. *(3 hours. 6 credits. Gray.)*

522. Problems in Investments—Problems, investigations, and analyses in the field of investments. *(Prerequisites: Business Administration 321E. 3 hours. 3 credits. Eldridge.)*

523. Seminar in Banking—Individual and group studies of special phases and problems of banking. *(3 hours. 3 credits. Dolbeare.)*

524E. Seminar in Money—A critical study of past and present monetary problems and theories. *(3 hours. 3 credits. Dolbeare.)*

529E. Problems in Government Finance—See Economics 529. *(3 hours. 3 credits. Anderson.)*

531-532. Seminar in Marketing—Investigation of special problems in marketing. *(3 hours. 6 credits. Wilson.)*

535E. Seminar in International Trade—See Economics 535. *(3 hours. 3 credits. Atwood.)*

536. Seminar in Foreign Trade Technique—A detailed individual study of selected problems in Foreign Trade. *(3 hours. 3 credits. Atwood.)*

569-570E. Seminar in Statistics and Business Forecasting—See Economics 569-570. *(3 hours. 6 credits. Anderson.)*

573-574E. Seminar in Labor Problems—See Economics 573-574. *(3 hours. 6 credits. Myers.)*

CHEMICAL ENGINEERING

Professor Leigh, Professor Black, Professor Beisler, Professor Heath, Associate Professor Jackson, Assistant Professor Goodwin.

The courses in Chemical Engineering are given as part of the work of the Department of Chemistry in the College of Engineering, the instructors in Chemistry giving part of their time to Chemical Engineering.

CHEMISTRY

(Including Agricultural Chemistry, Chemical Engineering and Pharmaceutical Chemistry)

Professor Leigh, Professor Black, Professor Beisler, Professor Heath, Associate Professor Jackson, Assistant Professor Goodwin, Curator Otte.

Fellows: Bowen, Sciutti, Shimp and Wenger.

101 (102). General Chemistry—The fundamental laws and theories of chemistry, and the preparation and properties of the common elements and their compounds. Students may begin this course either the first or second semester. *(Laboratory fee, $5.00 for each semester. 3 class and 4 laboratory hours. 10 credits. Heath in charge; Black, Beisler, Jackson and Goodwin.)*

101-104. General Chemistry and Qualitative Analysis—The first semester is devoted to a study of the laws, theories, and problems of chemistry; the non-metallic elements and their simple compounds. During the second semester, the metallic elements are studied, together with the qualitative analysis of the metals and the acid radicals. *(Laboratory fee, $5.00 per semester. 3 class and 4 laboratory hours. 10 credits. Heath, Black, Beisler, Jackson, Goodwin.)*

201 (202). Qualitative Analysis—This course includes the general reactions of the metals and acids, with their qualitative separation and identification. *(Prerequisite: Chemistry 101-102. Laboratory fee, $5.00 for each semester. 1 class and 5 laboratory hours. 6 credits. Jackson.)*

212. Qualitative Analysis—The theory and practice of the qualitative separation of the metals and acid radicals. *(Prerequisite: Chemistry 101-102. Laboratory fee, $5.00. Required of chemical engineers; sophomore year, second semester; 1 class and 7 laboratory hours. 4 1-2 credits. Jackson.)*

215. Water and Sewage—A theoretical and practical study of the examination and treatment of water and sewage. *(Prerequisite: Chemistry 101-102. Laboratory fee, $5.00. Required of civil engineering seniors. 2 class and 3 laboratory hours. 3 1-2 credits. Goodwin.)*

251 (252). Organic Chemistry—A study of the preparation and properties of various aliphatic and aromatic compounds. *(Prerequisite: Chemistry 101 (102), or 101 (104). Laboratory fee, $5.00 for each semester. 3 class and 4 laboratory hours. 10 credits. Leigh and Goodwin.)*

258. Organic Chemistry—A brief course embracing the more important aliphatic and aromatic compounds designed chiefly for students in applied biological fields. *(Prerequisite: Chemistry 101-102 or 101-104. Laboratory fee, $5.00. 3 class and 2 laboratory hours. 4 credits. Black.)*

301. Quantitative Analysis—Volumetric methods in acidimetry and alkalimetry, oxidation and reduction, iodimetry and precipitation. *(Prerequisites: Chemistry 101-102 and 201-202. Laboratory fee, $5.00. 6 laboratory hours or its equivalent. 3 credits. Black.)*

302. Quantitative Analysis—Gravimetric analysis of simple compounds, followed by the analysis of such materials as phosphate rock, simple alloys, limestone, and Portland cement. *(Prerequisites: Chemistry 101-102 and 201-202. Laboratory fee, $5.00. 6 laboratory hours or its equivalent. 3 credits. Black.)*

303. Quantitative Analysis—A brief survey of the fundamental methods of gravimetric and volumetric analysis. The laboratory work is selected especially for students of pharmacy. *(Required. Prerequisite: Chemistry 104. Laboratory fee, $5.00. 4 laboratory hours or its equivalent. 2 credits. Black.)*

321 (322). Physical Chemistry—This course includes a study of the three phases of matter—gas, liquid and solid; the properties of solutions; colloids; equilibrium; velocity of reaction; thermochemistry; thermodynamics; atomic structure. *(Prerequisites: Chemistry 201-202 and 251-252. Prerequisite or corequisite: 301, 302 or 304. Laboratory fee, $5.00 for each semester. 2 class and 2 laboratory hours. 6 credits. Jackson.)*

341 (342). Industrial Chemistry—Consideration of chemical principles involved in manufacturing and refining inorganic and organic products of commercial importance. Visits are made to such factories and chemical plants as may be accessible. *(Prerequisites: Chemistry 101-102 and 251-252. Required of chemical engineering seniors; elective to non-engineering students. 3 hours. 6 credits. Beisler.)*

344. Industrial Chemistry Laboratory—A practical study of the commercial methods of manufacture and purification of important chemicals. *(Prerequisite: Chemistry 341-342. Laboratory fee, $5.00. Required of chemical engineering seniors. 6 laboratory hours. 3 credits. Beisler.)*

351. Metallurgy—A study of the preparation, properties, structure and uses of the more important metals and alloys. *(Prerequisite: Chemistry 101-102. Required of chemical engineering seniors. 3 hours. 3 credits. Beisler.)*

401. Agricultural Analysis — The quantitative analysis of milk and its products, vegetable oils, cereals and other food materials. *(Prerequisites: Chemistry 255-256 or 251-252 and 301-302. Laboratory fee, $5.00. 6 laboratory hours or its equivalent. 3 credits. Black.)*

402. Agricultural Analysis—The quantitative analysis of mixed fertilizers, of some of the raw materials used in mixed fertilizers, and of soils. *(Prerequisites: Chemistry, 255-256 or 251-252 and 301-302. Laboratory fee, $5.00. 6 laboratory hours or its equivalent. 3 credits. Black.)*

403. Water Analysis—The analysis of waters to determine their potability and fitness for steam raising and other purposes. *(Prerequisite: Chemistry 301-302. Laboratory fee, $2.50. 6 laboratory hours or its equivalent. 3 credits. Goodwin.)*

405. Gas Analysis—The analysis of fuel and illuminating gases and products of combustion. Some attention is given to the theory and use of automatic gas recorders. *(Prerequisite: Chemistry 301-302. Laboratory fee, $5.00. Elective. 1 class and 4 laboratory hours. 3 credits.) Not given 1929-30.*

406. Physiological Chemistry—The chemistry and physiology of carbohydrates, fats, proteins, and body tissues. The examination of body fluids such as milk, blood, urine, etc. Course includes routine analyses of value to pharmacists and physicians. *(Required of fourth year students specializing in pharmaceutical chemistry. Prerequisites: Chemistry 252 or 256. Laboratory fee, $5.00. 2 class and 2 laboratory hours. 3 credits. Goodwin.)*

410. Historical Chemistry—The historical development of the more important chemical theories and their influence on the development of the science. *(Prerequisites: Chemistry 251-252 and 301-302. 3 hours. 3 credits.) Not given in 1929-30.*

412. Organic Analysis—The ultimate analysis of organic compounds. *(Prerequisites: Chemistry 251-252 and 301-302. Laboratory fee, $5.00. 6 laboratory hours or its equivalent. 3 credits. Goodwin.)*

413 (414). Technical Analysis—Analysis of organic and inorganic materials used in engineering. *(Prerequisite: Chemistry 301-302. Laboratory fee, $5.00 for each semester. Required of chemical engineering seniors. 6 laboratory hours per week during the first semester, 4 laboratory hours per week during the second semester. 5 credits, divided 3-2. Beisler.)*

GRADUATE COURSES

501. Organic Preparations—The preparation of some typical compounds. Occasional discussions of principles and theories. A reading knowledge of French and German desired. *(Prerequisite: Chemistry 251-252. Laboratory fee, $5.00. 6 laboratory hours or its equivalent per week. 3 credits. Leigh.)*

504. Inorganic Preparations—The course consists of laboratory work, involving the preparation of a number of typical inorganic compounds in addition to collateral reading and discussions. A reading knowledge of French and German desired. *(Prerequisite: Chemistry 302. Laboratory fee, $5.00. 6 laboratory hours or its equivalent. 3 credits. Leigh.)*

505. Organic Nitrogen Compounds—Special lectures and collateral reading relative to the electronic and other theoretical conceptions of organic compounds containing nitrogen. Explosives; pseudo-acids; certain dyes; alkaloids; proteins; etc. *(3 hours or its equivalent. 3 credits. Leigh.)* Given alternate years. Offered in 1929-30.

506. Special Chapters in Organic Chemistry—Lectures and collateral reading. In general the topics to be studied will be chosen from the following list: stereochemistry, tautomerism, the configuration of the sugars, acetoacetic ester syntheses, malonic ester syntheses, the Grignard reaction, benzene theories, diazo compounds and dyes. *(Second semester; 3 hours or its equivalent. 3 credits. Beisler.)* Given alternate years. Not offered in 1929-30.

509. Advanced Physical Chemistry—The historical development of electrochemistry. Theoretical and practical applications of electrochemical principles. *(Laboratory fee, $5.00. 1 class and 4 laboratory hours. 3 credits. Jackson.)* Given alternate years. Not offered in 1929-30.

513. Advanced Inorganic Chemistry—The theories, practice, and applications of colloid chemistry. *(Laboratory fee, $5.00; 2 class and 2 laboratory hours. 3 credits. Beisler.)* Given alternate years. Offered in 1929-30.

516. Chemistry of the Rare Elements—Deals with the mineral occurrences, preparation, properties, and uses of the rarer elements and their compounds. Relations to the more common elements will be clearly shown as well as methods for separation and purification. *(3 hours. 3 credits. Heath.)* Given alternate years. Not offered in 1929-30.

517. Biochemical Preparations—The preparation of physiologically important compounds from plant and animal material. *(Laboratory fee, $5.00; 6 laboratory hours or its equivalent. 3 credits. Black.)* Given alternate years. Offered in 1929-30.

519. Atomic Structure—A graduate course of special lectures and collateral reading dealing with modern theories of the structure of the atom. The Journal literature is largely used as the basis of study. *(3 hours or its equivalent. 3 credits. Black.)* Given alternate years. Not offered in 1929-30.

522. Photographic Chemistry—Deals with the chemical action of light, the preparation, properties, and uses of photographic materials. The practical applications of photography will be shown, as well as the theory of the subject. *(3 hours or its equivalent. 3 credits. Heath.)* Given alternate years. Offered in 1929-30.

551-552. Chemical Research—*(Laboratory fee, $5.00 for each semester. 3 to 8 hours. 3 to 5 credits. Leigh, Black, Beisler, Heath, Jackson, and Goodwin.)*

CIVIL ENGINEERING

Professor Reed, Associate Professor Barnes, Assistant Professor Brown, Instructor Lowe

101-0101. Surveying—Recitations on the use of chain, compass, transit, and level; determination of areas, and instrumental adjustments. Field work in chaining, leveling, compass and transit surveys. Drawing room work in calculations from field notes, and map-drawing. Textbook: Breed and Hosmer, Vol. I. *(Prerequisite: Trigonometry. Laboratory fee, $3.00. Required of all engineering students in Freshman year. Elective for non-engineering students. Recitation, 1 hour; field and drawing-room work, 3 hours. 2 credits. Lowe.)*

201 (202). SURVEYING—Recitations on balancing of surveys and calculating of areas; methods of making topographical surveys, including the use of the stadia and plane table; methods of solving other problems in land, topographical, and city surveying and problems involving the principles of precise leveling, base-line measurement, triangulation, and determination of meridian, latitude and time. Field work: the making of a complete topographical survey; tests and adjustments of instruments; precise leveling; base-line work; meridian and latitude observations. Drawing-room work on balancing surveys, calculating areas and reducing field notes; plotting maps and profiles; contour problems; triangulation computations. Textbooks: Breed and Hosmer, Vols. I and II. *(Prerequisite: Surveying 101. Laboratory fee, $3.00 per semester. Required of all civil engineering sophomores; recitations, 2 hours; field and drawing-room work, first semester 6 hours; second semester 3 hours. 7 credits, divided 4-3. Lowe.)*

301 (302). RAILROADS—Recitations on simple, compound, reversed, vertical, and transition curves, turnouts and earthwork. Field problems in curve layouts. Drawing-room work in the paper layout of a railroad line. Field and drawing-room work in the preliminary and final location of a railroad; plotting of lines and profiles; earthwork computations. Theory of mass diagram. Textbook: Allen's Curves and Earthwork. *(Prerequisite: Surveying 101. Laboratory fee, $1.50 per semester. Required of civil engineering juniors. First semester; recitations 2 hours; field and drawing-room work 2 hours. Second semester; recitation 1 hour; field and drawing-room work 3 hours. 5 credits, divided 3-2. Lowe.)*

303 (304). HIGHWAY THEORY AND DESIGN—Lectures and recitations on the economics of location, highway systems, design, drainage, foundations, classes of roads and pavements, their materials and methods of construction, highway structures. Legislation and finance. Field inspections of local roads. Drafting room design involving the relocation of an existing road with improved alignment, grades and new pavement suitable for assumed traffic, the computation of quantities, estimate of costs and specification. Textbook: Harger and Bonney, Highway Engineers' Handbook. *(Prerequisites: Surveying 101, Railroads 301. Required of civil engineering juniors. First semester; recitations 2 hours. Second semester; recitation 1 hour; field and drawing work 3 hours. 4 credits. Brown.)*

306. GRAPHIC STATICS—Recitations and drawing-room exercises in the computation of forces; the plotting of diagrams in elementary graphics and roof-truss, bridge and masonry problems; design of a roof-truss. Textbook: Howe's Simple Roof Trusses in Wood and Steel. *(Prerequisite: Applied Mechanics 315. Required of civil engineering juniors; recitations 2 hours; drawing-room work, 4 hours. 4 credits. Reed.)*

308. GRAPHIC STATICS—Similar to 306 except the work concerning bridges. *(Required of architectural juniors; recitation 1 hour; drawing-room work, 3 hours. 2 1-2 credits. Reed.)*

310. TESTING LABORATORY—Laboratory work in the testing of stone, brick, asphalt, and other road materials and in cement, sand, concrete, timber, steel and other materials used in construction. *(Prerequisite: Applied Mechanics 315. Laboratory fee, $2.00. Required of civil engineering juniors. 2 hours. 1 credit. Brown.)*

403-404. STRUCTURAL ENGINEERING—Recitations and drawing-room work in the graphic analysis of girders and bridge trusses. Theory and design of wooden and steel roof trusses; highway and railroad bridges; foundations. Theory and computations of stresses in various types of bridges and buildings. Drawing-room design. Textbook: Kirkham's Structural Engineering. *(Prerequisite: Applied Mechanics 315-316 and Graphic Statics 308. Required of civil engineering and architectural seniors; first semester; recitations, 2 hours; drawing room work, 3 hours. Second semester; recitations, 2 hours; drawing-room work 6 hours. 7 credits, divided 3-4. Reed.)*

405. CONTRACTS AND SPECIFICATIONS—The contract in its relation to the engineer. Specifications. Textbook: "Contracts and Specifications and Engineering Relations," by D. W. Mead. *(Required of all engineering seniors. Elective for non-engineering students. 2 hours. 2 credits. Brown.)*

407. HYDRAULICS—Recitations and laboratory work on the elements of hydraulics; the principles of hydrostatic and hydrodynamic pressure; the measurement of water by orifices, short tubes, nozzles, weirs, and other measuring instruments; flow through pipes and open channels; losses from friction and other sources; and other related topics. Textbook: Hydraulics, by Daugherty. *(Prerequisite: Applied Mechanics 315-316. Laboratory fee, $3.00. Required of all engineering seniors; recitations, 2 hours; laboratory exercises, 2 hours. 3 credits. Barnes.)*

408. HYDRAULIC ENGINEERING—Recitations on stream gaging and hydrographic surveying; water power, hydraulic turbines and impulse wheels; pumps and hydraulic machinery. Textbooks: Hydraulics, by Daugherty; Notes on Hydraulic Engineering. *(Prerequisite: Hydraulics 407. Required of civil and mechanical engineering seniors; 2 hours. 2 credits. Barnes.)*

409. MUNICIPAL SANITATION—Recitations on the design and construction of sewerage systems and sewage disposal plants. Drawing-room work in the design of sanitary and storm sewers, and of a complete sewage treatment plant, together with estimates of cost. Textbook: Babbitt's Sewerage and Sewage Treatment. *(Prerequisites: Applied Mechanics 315-316. Required of civil engineering seniors. Recitations, 2 hours; drawing-room work, 3 hours. 3 credits. Barnes.)*

410. WATER SUPPLY—Recitations on sources of supply, purification, filters, pumps, systems of supply, and fire supply. A short time is devoted to drainage and irrigation engineering. Drawing-room work in the design of a complete water supply system, a large gravity dam and a large masonry conduit. Textbooks: Turneaure and Russell's Public Water Supplies; Williams and Hazen's Hydraulic Tables; Elliot's Engineering for Land Drainage. *(Prerequisite: Municipal Sanitation 409 and Hydraulics 407. Required of civil engineering seniors; second semester; recitations, 3 hours; drawing-room, 4 hours. 5 credits. Barnes.)*

412. CONCRETE DESIGN—Recitations and drawing-room work on the theory and design of reinforced concrete structures. Textbook: Reinforced Concrete Design, by Sutherland and Clifford. *(Prerequisite: Applied Mechanics 315-316. Required of seniors in Civil Engineering and Architecture; recitations, 2 hours; drawing-room, 3 hours. 3 credits. Barnes.)*

COACHING

(Administered under the Department of Physical Education and Coaching)

Mr. Bachman, Dr. Haskell, and Athletic Staff.

101. FOOTBALL—Lectures, discussions, demonstrations and practice on the field. A combined lecture and practice course given largely on the practice field. Lectures are followed by actual demonstrations by the instructor, and students then put into practice the various fundamentals taught them. Course stresses individual play, and its relation to team play. Students are thoroughly drilled in offensive and

defensive tactics, each position on the team being analyzed. Fundamentals receive special attention, such as falling on the ball correctly, blocking and tackling, passing and kicking. Stress is placed upon the desirous qualities of a player for the various positions, and the manner in which men are selected is thoroughly grounded into the course. *(10 hours. 2 credits. First half first semester. Bedenk and Holsinger.)*

111. Basketball—Lectures, discussions and demonstrations on the basketball court. A complete study is made of the game of basketball from an offensive and defensive point of view. The play of the individual is stressed. Fundamentals such as passing, dribbling, shooting, stops and pivots, are given special emphasis. Anaylsis is made of the systems of play used by leading coaches of the country. Students are assigned positions in actual scrimmage and practice games, the practical work being stressed as much as the theoretical. *(10 hours. 2 credits. Second half first semester. Cowell and Holsinger.)*

201. Football—Discussions, lectures and demonstrations by students on the field. Course covers the technique of playing the various positions on the team, both offense and defense, under actual game conditions. Various systems of play employed by celebrated coaches are discussed and analyzed. A sequence of plays from standard formations are worked out in signal drills and actual scrimmages. Special emphasis is laid upon team play. *(10 hours. 2 credits. First half first semester. Bedenk and Higgins.)*

241. Wrestling—Course covers a complete discussion of the rules, with personal instruction and demonstration of the footwork, various holds as related to offense and defense. Special attention is given to fundamentals. *(2 hours. 1 credit.)*

251. Boxing—Scientific boxing. Course includes position of on guard, footwork, how to step and duck, how to block or guard the different blows. Instruction given in all attacks from the simple left lead at head to counters and cross counters on head or body. Feints and shifts. Teaching rules governing bouts, what is a foul blow, how to judge a bout. *(2 hours. 1 credit. Piombo.)*

261. Fencing—(a) Foils. Instruction in elementary positions of on guard, advance and retreat; thrust and lunge; also all parries. Different attacks from the simple to the most advanced; direct attacks, indirect attacks, counter attacks, return attacks, time attacks; remise

or renewed attacks; stop thrusts. (b) Sabres. Instruction in elementary positions of on guard, advancing and retreating; thrusting; cuts and lunging. All the parries or guards; all attacks and returns; disengages; cut overs. *(2 hours. 1 credit. Burdett.)*

301. Football—Advanced theory course for those who have had Coaching 101 and Coaching 201. Course deals with the science and generalship of the game from the point of view of the coach. The psychology of the game, rules, scouting, an intensive study of the strength and weakness of various systems as related to one another, all have their place in this advanced study of the game. *(2 hours. 1 credit. First half first semester. Bachman.)*

344. Baseball—Lectures, discussions and demonstrations on the practice field. A complete discussion of the rules and a study of the fundamentals as applied to each department of the game is offered. Practical demonstrations in the theory of pitching, with special emphasis on delivery and a study of batters' weaknesses, are frequent. Batting, base-running, and the art of playing each position under actual game conditions is stressed. Individual and team play is correlated on the field so that a student becomes acquainted with the fundamentals of the game as applied to technique and strategy. *(6 hours. 3 credits. Bedenk.)*

372. Coaching and Officiating—Objectives of physical education; department organization and administration; programs; teaching and supervising qualifications; supervision of gymnasiums, pools and playgrounds. *(2 hours. 2 credits. Haskell.)*

471 (472). Coaching and Officiating—In this course students are assigned to the varions phases of coaching and physical education training. Students assist with the coaching of the classes in athletic coaching, assist in coaching the freshman and varsity football teams and intra-mural teams, and conduct the required gymnasium classes of the University. Students are thus given practical training under supervision of instructors in the actual coaching of all the major sports. The major sports, football, basketball, baseball and track, and such minor sports as boxing, wrestling and physical education, are utilized in affording this valuable and practical training. *(2 hours. 1 credit. Haskell and Higgins.)*

DAIRYING

(Administered under the Department of Animal Husbandry and Dairying)

Professor Willoughby, Instructor Martin.

22. ELEMENTS OF DAIRYING—Composition and testing of milk; farm butter making; care of the dairy herd. *(3 hours. No credit. Laboratory fee, $1.00. Martin.)*

201. FARM DAIRYING—Secretion and composition of milk; testing milk and its products; farm butter making, ice cream and soft cheese making. *(2 class and 1 laboratory periods. 3 credits. Laboratory fee, $2.00. Martin.)*

202. DAIRY MANAGEMENT—Selection, feeding and management of a dairy herd; barns, equipment, marketing methods. *(3 hours. 3 credits. Martin.)*

301. DAIRY MANUFACTURES—Buying and testing cream; pasteurization; cream ripening and butter making; preparing the mix, freezing and hardening ice cream. *(Prerequisite: Dairying 201. (3 class and 1 laboratory periods. 4 credits. Laboratory fee, $3.00. Martin.)*

302. CITY MILK SUPPLY—Methods of producing sanitary milk; operation of milk plants; duties of milk inspector, practice on local dairies. *(Prerequisites: Dairying 201, 202, and Bacteriology. 2 hours. 2 credits. Martin, Willoughby.)*

303-304. CREAMERY MANAGEMENT—Creamery construction, sewage disposal, refrigeration; creamery calculation and bookkeeping; marketing. *(Prerequisites: Dairying 201 and 202. First or second semester; 3 hours. Credit, 1 1-2 year-hours. Martin.)*

DRAWING AND MECHANIC ARTS

(For courses in Mechanic Arts, see page 203.)

DRAWING

Professor Strong, Instructor Walker

101 (102). MECHANICAL DRAWING—Geometrical problems, lettering, orthographic and isometric drawings, tracing and sketching. A text book is used. *(Required of all engineering freshmen, both semesters; elective for non-engineering students. One 2 hour period and one 3 hour period, first semester; and one 3 hour period second semester, of drafting-room work. 4 credits, divided 2½-1½. Walker.)*

201 (202). Machine Drawing—Accurate, dimensioned working drawings made to scale, assembly drawings and some tracing required. *(Prerequisite: Drawing 101-102. Required of electrical and mechanical engineering sophomores; elective for non-engineering students. One 3 hour period of drafting-room work. 3 credits. Strong.)*

ECONOMICS

Professor Matherly, Professor Anderson, Associate Professor Dolbeare, Associate Professor Myers, Associate Professor Dykman, Assistant Professor Hurst, Assistant Professor Atwood, Assistant Professor Eldridge, Assistant Professor Wilson, Graduate Assistant Peel.

Student Assistants: Boyd, Davidson and Putnam.

NOTE 1: The courses in economics are given by the Department of Economics and Business Administration, instructors in this department dividing their time between economics and business administration. The courses in business administration are described under the College of Commerce and Journalism.

NOTE 2: While all courses in economics are open to, and in many cases required of, students in business administration, they are not offered primarily for such students. On the contrary, they are offered primarily for students in the arts and sciences—students interested either in the purely cultural values attaching to economics or in preparing themselves to become economic experts and teachers.

101. Economic History of England—Survey and interpretation with brief reference to France and Germany; the origin and development of economic institutions; the manor; Industrial Revolution; commerce; transport; labor; agriculture; finance; etc.; effects on social and political development, and on development in the United States. *(3 hours. 3 credits. Myers, Dykman, Hurst.)*

102. Economic History of the United States—Interpretative survey of industrial development; consideration of the development of industry, agriculture, trade and transportation, labor, banking, finance, population, etc., the influence of economic development on political and social development, and of foreign economic development on the United States. *(3 hours. 3 credits. Myers, Dykman, Hurst.)*

201 (202). Principles of Economics—An analysis of production, distribution, and consumption. Attention is devoted to the principles governing value and market price with a brief introduction to money, banking and credit, industrial combinations, transportation and communication, labor problems, and economic reform. *(3 hours. 6 credits. Anderson, Myers, Dolbeare, Eldridge.)*

302. Elements of Statistics—An introduction to statistics; brief consideration of statistical theory; collection, classification and presentation of economic data; construction of graphs and charts; study of index numbers; problems of statistical research. Each student is required to complete one or more projects in statistical investigation. *(Prerequisite: Economics 201-202. 3 hours. 3 credits. Anderson.)*

307. Introduction to Economics—A brief study of our economic organization and the principles involved in economic activities. *(Primarily for juniors and seniors in the Colleges of Agriculture, Engineering and Pharmacy. 3 hours. 3 credits. Dolbeare.)*

321. Financial Organization of Society—An introduction to the field of finance. Consideration of the pecuniary organization of society, to the functions performed by financial institutions, and to the relationship between finance and business administration. *(Prerequisite: Economics 201-202. 3 hours. 3 credits. Dolbeare, Eldridge.)*

351. Railway Transportation—The development of railway transportation; the organization of transportation service; rate making; government regulation of railroads. *(Prerequisite: Economics 201-202. 3 hours. 3 credits. Anderson.)*

352. Ocean Transportation—A survey of present day overseas commerce and transportation together with an analysis of the underlying economic and geographic principles involved. Particular attention is given to the major commercial regions of the world, ocean trade routes, port and terminal facilities, ocean carriers and their cargoes, ship operation and management, ocean freight service and rates, marine insurance, and the merchant marine problems and policies of the chief maritime nations. *(Prerequisite: Economics 201-202. 3 hours. 3 credits. Atwood.)* Not given 1929-30.

381. Economic Geography of North America—A detailed study of the principal economic activities in each of the major geographic regions of North America involving an analysis of these activities from the standpoint of their relation to the natural environmental complex. *(Prerequisites: Business Administration 103-104 and Economics 201-202. 3 hours. 3 credits. Atwood.)* Not given 1929-30.

383. Economic Geography of Northwest Europe—A detailed study of the economic activities in the chief countries of Northwestern Europe. An analysis of these activities in relation to the natural

geographic environment, and to the superimposed political complex. *(Prerequisites: Business Administration 103-104 and Economics 201-202. Atwood.)*

404. Social Control of Business Enterprise—General survey of the field of social control; purposes of social control; formal and informal types of social control; control of accounts, prices and capitalization; government policy toward business, current government regulation; services and agencies which modern governments undertake to provide for business enterprises. *(Prerequisite: Economics 201-202. 3 hours. 3 credits. Hurst.)*

424. Money—Monetary and price theory; the evolution of monetary systems, and the nature and causes of some of the important monetary controversies of the past; present unsettled monetary problems; relationship between money and credit and the general price level under the existing financial structure; some consideration of the business cycle; controlling the general level of prices through the monetary system. *(Prerequisite: Economics 321. 3 hours. 3 credits. Dolbeare.)*

429. Government Finance—Principles governing expenditures of modern governments; sources of revenue; public credit; principles and methods of taxation and of financial administration as revealed in the fiscal systems of leading countries. *(Prerequisite: Economics 201-202. 3 hours. 3 credits. Anderson.)*

431. Principles of Marketing—A survey of the marketing structure of industrial society; fundamental functions performed in the marketing process and the various methods, agencies and factors responsible for the development and execution of these functions; marketing problems of the manufacturer, wholesaler, and different types of retailers; the marketing function in business management. *(Prerequisite: Economics 201-202. First semester, 3 hours. 1 1-2 credits. Wilson.)*

435. Principles of International Trade—A survey of the underlying economic and geographic principles involved in international trade. A study of the visible and invisible ties that bind the citizens of one country to another. To show how factors such as location, climate, natural resources, economic development, racial characteristics, and social customs have determined the present economic interdependence of the nations of the world. *(Prerequisites: Business Administration 103-104 and Economics 201-202. 3 hours. 3 credits. Atwood.)*

436. Foreign Trade Technique—A study of the specific problems and practices involved in exporting and importing. Particular attention is given to ocean trade routes, port and terminal facilities, ocean carriers and their cargoes, marine insurance and the merchant marine problems and policies of the chief maritime nations. *(Prerequisites: Business Administration 103-104 and Economics 201-202. 3 hours. 3 credits. Atwood.)*

473. Labor Problems—A survey of the background, causes, history, activities, philosophies, and problems of the labor movement in the United States, with some reference to England. Trade unions, labor legislation, and collective bargaining are discussed, and also problems of labor, such as unemployment, industrial unrest, wage determination, political and social policies, etc. *(Prerequisite: Economics 201-202. 3 hours. 3 credits. Myers.)*

GRADUATE COURSES

504. Problems in Trust Regulation—A critical study of industrial combinations. *(3 hours. 3 credits. Hurst.)*

524. Seminar in Money—A critical study of past and present monetary problems and theories. *(3 hours. 3 credits. Dolbeare.)*

529. Problems in Government Finance—Special studies in federal, state and local taxation. *(3 hours. 3 credits. Anderson.)*

535. Seminar in International Trade—Advanced work dealing with the development of International Trade. *(3 hours. 3 credits. Atwood.)*

569-570. Seminar in Statistics and Business Forecasting—*(3 hours. 6 credits. Anderson.)*

573-574. Seminar in Labor Problems—Special problems are taken up for investigation and report. The student will have regular, individual appointments with the instructor, for the consideration of his individual problem. *(3 hours. 6 credits. Myers.)*

EDUCATION

Professor Norman, Professor Fulk, Professor Garris, Professor Roemer, Assistant Professor Tolbert, Assistant Professor Simmons.

101-0101. How to Teach—*An Introduction to the Study of Classroom Teaching.*—What makes a good teacher? What makes a good school? When may it be said that one is educated? Such questions as these will be studied in the course. *(Required of all freshmen. 3 hours. 3 credits. Norman.)*

102-0102. History and Principles of Education—A study of the historical background of education, and of the fundamental principles which should guide educational procedure, and give appreciation of educational conditions of today. *(Freshmen may choose between Education 102 and Education 103. 3 hours. 3 credits. Simmons.)*

103-0103. Health Education—Conditions and forces that affect the physical and mental vigor of children and teachers, and relate the school to the home and community; location and sanitation of the school plant; diseases and physical defects; mental hygiene; community hygiene; the teacher's health; teaching of Health Education. *(Students may choose between Education 102 and Education 103. 3 hours. 3 credits. Fulk.)*

203-0203. Child and Adolescent Psychology—The nature, growth and development of the child from birth through adolescence with reference to education; the original nature of the child and his education; cultivation of intelligent sympathy with children; the effect of Child and Adolescent Psychology on the practices of elementary and secondary schools. *(Required of sophomores. 3 hours. 3 credits. Fulk.)*

0207. Educational Psychology—Psychology applied to Education, the learning process, acquisition of skill, etc. *(Required of all students in Teachers College, preferably during the sophomore year. 3 hours. 3 credits. Roemer.)*

301. High School Curriculum—The problems of the curriculum of the high school in its organization; standards for the selection of the curriculum; factors to be considered—age of pupils, social standing, probable school life, probable vocation; traditional subjects and their possible variations; new subjects and their values, systems of organization, election and prescription; problems of articulation with the elementary school, the college, the vocational school, and community. *(Required of juniors; 3 hours. 3 credits. Roemer.)*

303-304. Methods of Teaching Vocational Agriculture—The organization of a long time teaching program; selection of proper equipment, and the arrangement of the classroom and farm shop; organization of all day, day unit, part time and evening classes;

and methods employed in teaching these various groups. *(3 hours. 6 credits. Garris.)*

306. Vocational Education—The development, function and scope of vocational education; agricultural education, home economics education, trade and industrial education, and commercial education as provided for by the National Vocational Education Act of Congress. *(3 hours. 3 credits. Garris.)*

308. The Elementary School Curriculum—The present status of the elementary curriculum; an attempt to select and evaluate materials in terms of the nature and needs of child life, and the present social situation. *(Required of juniors. 3 hours. 3 credits. Simmons.)*

401-0401. Administration and Supervision of Village and Consolidated Schools—Problems peculiar to schools in Florida; the supervising principal, qualifications, relation to superintendent, boards, teachers, pupils, patrons and community; adapting the school to the child's needs; business practices. *(Required of seniors. 3 hours. 3 credits. Fulk.)*

402. Problems in Public School Administration and Supervision—An intensive study of the supervision of instruction; visits to schools for the study of administrative and supervising practice; a survey of one school system. *(Elective for juniors and seniors. 3 hours. 3 credits. Fulk.)*

403. Principles of Education—The relation of educational method to democracy; the laws of learning; socialized recitation; democracy in the classroom as a preparation for democracy in life. *(Required of seniors; juniors admitted by permission. 3 hours. 3 credits. Norman.)*

404. History and Philosophy of Education—Standards in education, past and present; the development and present meaning of the concept of culture, humanism, utility, growth, mental discipline, activity leading to further activity, education according to nature, the significance of child life in education. Textbook: Dewey's "Democracy and Education." *(Required of seniors who expect to be principals. 3 hours. 3 credits. Norman.)*

405, 0405. Supervised Teaching—Practice in conducting recitations under close supervision. Lesson plans will be required for all reci-

tations and the manner of teaching will be subject to criticism. Teaching under supervision will be done in the Gainesville High School. Each student will be required to work in at least two high school subjects. Students preparing to teach agriculture must do their supervised teaching in that subject, and four (4) hours will be required. (See Education 409-410.) *(Required of seniors. 3 hours. 3 credits. Simmons.)*

407. Junior High School—To give principals and teachers a knowledge of the Junior High School and its organization. Topics: Need of reorganization of the traditional high school; changes needed in the program of studies, discipline, methods of teaching, etc.; development of the Junior High School; special function of the Junior High School; organization, curricula and courses of study, etc., of the Junior High School. *(3 hours. 3 credits. Roemer.)*

408. High School Administration—The practical management and administration of the modern high school; duties of principal as head of school; relation of principal to board of education, superintendent, teachers, pupils and community; legal status of high school; systems of financing, supervision, promotion, retention and dismissal of teachers; adjustment of teaching load; testing and grading of pupils; problem of discipline; pupil guidance, activities, teachers' meetings, etc. *(Required of seniors who expect to be principals. 3 hours. 3 credits. Roemer.)*

409-410. Supervised Teaching of Vocational Agriculture—Under supervision, students observe the teaching and all other duties of the agricultural instructor at Alachua during the first semester, and during the second semester each student participates in all of these activities taking the place of the regular instructor. *(3 hours. 6 credits. Garris.)*

501. The Elementary School Curriculum—Seminar—An intensive study of the development, and present content of the elementary school curriculum, including the kindergarten; the selection and evaluation of material; the importance of the classroom teacher. *(3 hours. 3 credits. Fulk.)*

503. Educational Tests and Measurements—Seminar—An intensive study of intelligence and educational tests. A thorough and systematic study of all the chief tests in both fields with laboratory material for class use so as to familiarize the student with the process of actually handling tests. *(3 hours. 3 credits. Roemer.)*

504. The School Survey—Seminar—The history and functions of the school survey; organizing and making a survey; collecting, interpreting and reporting data; the survey as a diagnostic instrument. Each student chooses some phase of the survey for special study, and gives the results of his study in the form of a thesis. *(3 hours. 3 credits. Fulk.)*

505. The Organization and Administration of Extra Curricular Activities in Junior and Senior High Schools—Constructive school policies having to do with the developing of the pupil's initiative, leadership, cooperation, etc. Plans that are now in operation in progressive schools. Special study of Florida high schools with reference to developing as a vital part of the school program extra curricular activities. *(3 hours. 3 credits. Roemer.)*

507. Advanced Educational Psychology—This course deals with the problems of Educational Psychology in the more advanced stages of development. *(3 hours. 3 credits. Norman.)*

508. Democracy and Education—Seminar—The nature of experience, the nature of institutions, the social inheritance, the individual, society, socialization, social control, dynamic and static societies, education its own end. *(3 hours. 3 credits. Norman.)*

509. Problems in the Administration of a School System—Seminar—Open to graduate students who are qualified by experience and training to pursue advanced study on selected problems in administration. Problems will be selected to meet individual needs. Each student selects some problem for special study and presents the results of his study in the form of a thesis. Students may work on chosen problems either singly or in small groups. *(3 hours. 3 credits. Fulk.)*

510. The History of Education—Seminar—An attempt to interpret and evaluate present-day education by tracing its dominant factors—the teacher (including the educational theorist, philosopher, reformer and statesman), the pupil and student, the curriculum, the educational plant, the means of control and the sources of support back to their beginnings; and in the light of the facts found, to point out present tendencies, and possible developments. *(3 hours. 3 credits. Fulk.)*

561. Visual Methods in Vocational Agriculture—The preparation of charts, maps, placards, lantern slides, and other visual materials used in teaching vocational agriculture. *(1 recitation, 2 laboratory periods. 3 credits. Garris.)*

562. Vocational Guidance—Analysis of vocations, occupational information, choosing a vocation, preparing for a vocation, placement of students, supervision of students placed on the job, and the organization necessary for carrying out a vocational guidance program. *(3 hours. 3 credits. Garris.)*

ELECTRICAL ENGINEERING

Acting Professor Weil, Instructor Bennett.

202. A Short Elementary Course in General Electrical Engineering—Textbook used in 1928-1929: Benton: An Introductory Text on Electrical Engineering. *(Prerequisites: Mathematics 251 and Physics 209. Required of all sophomores in civil, electrical, and mechanical engineering, and juniors in chemical engineering; 2 recitations or lectures. 2 credits. Benton, Bennett.)*

204. Laboratory Work to Accompany Electrical Engineering 202—*(Laboratory fee, $3.00. Required of sophomores in civil, electrical and mechanical engineering, and juniors in chemical engineering; 1 two-hour laboratory period. 1 credit. Weil, Bennett.)*

302. Direct-Current Theory and Application—Text-books used in 1928-1929: Langsdorf's Direct-Current Machinery, and Karapetoff's Experimental Electrical Engineering. *(Prerequisites: Electrical Engineering 311 and 313. Required of electrical engineering juniors; 3 hours. 3 credits. Weil.)*

304. Laboratory Work to Accompany Electrical Engineering 302—*(Laboratory fee, $5.00. Required of electrical engineering juniors; 2 two-hour laboratory periods. 2 credits. Weil, Bennett.)*

306. Radio Communication—Lectures, recitations, and laboratory work on circuits and elementary radio measurements. Text-book used in 1928-1929: Lauer and Broun's Radio Engineering Principles. *(Prerequisite: 1 year of College Physics. Laboratory fee, $5.00. Elective for engineering students; open to non-engineering students; 2 classes and 1 two-hour laboratory period. 3 credits. Skellett.)*

311. Electrical Theory—The work of this course is the same as that of Physics 311. Textbook used in 1928-1929: Starling: Electricity and Magnetism. *(Prerequisites: Physics 209 and Mathematics 251-252. Required of electrical engineering juniors; 2 class periods. 2 credits. Weil.)*

313. Laboratory Work to Accompany Electrical Engineering 311—*(Laboratory fee, $1.50. Required of electrical engineering juniors; 1 two-hour laboratory period. 1 credit. Weil.)*

401 (402). Alternating-Current Theory and Applications—Text-books used in 1928-1929: Magnusson's Alternating Currents. *(Prerequisites: Electrical Engineering 202-204 and 311-313. Required of electrical engineering seniors; 3 hours. 6 credits. Weil.)*

403 (404). Dynamo Laboratory Work to Accompany Electrical Engineering 401-2—Text-book used in 1928-1929: Karapetoff's Experimental Electrical Engineering. *(Prerequisite: Electrical Engineering 301 and 303. Laboratory fee, $5.00 per semester. Required of electrical engineering seniors. 1 three-hour laboratory period. 3 credits. Weil.)*

405. Telegraph Engineering—Text-book used in 1928-1929: Hausmann's Telegraph Engineering. *(Prerequisites: Electrical Engineering 311-313. Laboratory fee, $2.00. Required of electrical engineering seniors. 1 recitation and 1 two-hour laboratory period. 2 credits. Skellett.)*

406. Telephone Engineering—Text-book used in 1928-1929: Kloeffler's Telephone Communication Systems. *(Prerequisites: Electrical Engineering 311-313, 405. Laboratory fee, $2.00. Required of electrical engineering seniors. 1 class and 1 two-hour laboratory period. 2 credits. Benton.)*

417 (418). A General Course on Electrical Engineering, more advanced in scope than the introductory course, 202-204, but not as complete as the courses 302-4 and 401-4. *(Prerequisite: Electrical Engineering 202-204. Laboratory fee, $5.00 per semester. Required of mechanical engineering seniors. 3 class and 3 laboratory hours first semester; 3 laboratory hours second semester. 6 credits, divided 4½-1½. 6 credits. Bennett.)*

430. Optional Courses—In case of sufficient demand, any one of the following optional courses will be offered to electrical engineering seniors: *Electrical Power Measurements; Electrical Power Transmission; Electric Railways; Elementary Electrical Design, Central Station Design. (Prerequisites: Electrical Engineering 302-304 and 401-403. 3 hours. 3 credits. Weil, Bennett.)*

456. Illumination and Wiring of Buildings—*(Prerequisite: Physics 105-108. Required of architectural seniors; 1 lecture or recitation. 1 credit. Benton.)* May be arranged to last only a part of a semester, with corresponding increase in the hours per week.

(501) (502). Advanced Experimental Electrical Engineering—*(Primarily for graduate students. Given upon demand. Credit variable. Weil, Bennett.)*

ENGLISH

Professor Farr (Head of Department), Professor Robertson (Director of Freshman English), Associate Professor Little, Associate Professor Farris, Assistant Professor Caldwell, Instructors Wise, Jarrell, Peterson, Gay, Mounts.

21. Minimum Essentials of English—An elementary course in fundamentals of grammar, punctuation and sentence construction, designed to meet the needs of freshmen deficient in preparatory English. For such deficient students this course is prerequisite to English 101. Entry to the course will be determined by examinations to be given all entering freshmen during Freshman Week. *(Required of all freshmen who, upon entering the University, are found deficient in minimum essentials of high school English. 3 hours. No credit.)*

101 (102). Rhetoric and Composition—To train students in methods of clear and forceful expression. Instruction is carried on simultaneously in formal rhetoric, and in theme writing. *(Required of all freshmen. 3 hours. 6 credits. Robertson and Staff.)*

103 (104). Introduction to Literature—A survey of the literatures of the Western world from the beginnings to the Renaissance. *(Required of freshmen in A.B. course. 3 hours. 4 credits. Farr, Farris, Robertson, Caldwell, Peterson.)*

201-202. History of Literature—A basic course in the historical development of English literature. *(3 hours. 6 credits. Farr, Robertson, Caldwell, Gay.)*

203. The Short Story—Narrative practice in the anecdote and tale, with particular attention to the technique and development of the short story. *(Prerequisite: English 101-102. 3 hours. 3 credits. Farris.)*

204. The English Essay—A practical study of the various types of exposition, with special attention to the essay. *(3 hours. 3 credits. Farris.)*

301. Shakespeare and the Drama—A study of principal Shakespearean plays, through lectures, essays, and readings. *(3 hours. 3 credits. Farr.)*

302. The Drama Before Shakespeare—The classical drama, the religious play, the beginnings of secular drama, and Shakespeare's predecessors. *(3 hours, 3 credits. Farr.)*

303 (304). English Poetry of the Nineteenth Century—Discussion of the roots of the Romantic Revival; the work of Wordsworth, Byron, Shelley, and Keats; poetry of the Victorian age. *(3 hours. 6 credits. Farris.)*

355. Businesss Writing—A practical study of the principal types of business letters and reports. Required of students in Business Administration. See Business Administration 355. *(Prerequisite: English 101-102. 3 hours. 3 credits. Mounts.)*

401. American Poetry—A rapid survey of the development of poetry in the United States. *(3 hours. 3 credits. Farris.)*

402. Southern Literature—A detailed study, with extensive reading and essay work; examination of the claims of Florida authors. *3 hours. 3 credits. Farris.)*

403 (404). The English Novel—The historical development and technique of the English Novel. *(3 hours. 6 credits. Farr.)*

405. English Drama from Shakespeare to Sheridan—The decline of drama after Shakespeare; Restoration drama; eighteenth century comedy. *(3 hours. 3 credits. Robertson.)*

406. Modern Drama—Recent and contemporary playwrights, from Ibsen to Eugene O'Neill. *(3 hours. 3 credits. Robertson.)*

407. Modern Novel—Reading and discussion of the work of English and American novelists of the present, with some attention to continental influences. *(3 hours. 3 credits. Robertson.)*

408. Contemporary Poetry—The influence of Whitman; contemporary English and American poets. *(3 hours. 3 credits. Robertson.)*

409 (410). Chaucer—Extensive reading in the "Canterbury Tales", "Troilus," and minor works. *(3 hours. 6 credits. Robertson.)*

411 (412). Engineering Exposition—A special course for Engineering students in the various kinds of writing needed in their profession. *(Engineering seniors. 1 hour. 2 credits. Farris.)*

413-414. Anglo-Saxon—Anglo-Saxon grammar; reading of Alfredian prose, "Beowolf," and other Anglo-Saxon literature. *(3 hours. 6 credits. Farr, Robertson.)*

503-504. Seminar—Reading course for graduate students. *(6 hours. 6 credits. Farr, Robertson.)*

ENTOMOLOGY AND PLANT PATHOLOGY

(For Plant Pathology see page 223.)

Professor Gray, Instructor Dickey, Mr. Creighton.

ENTOMOLOGY

21. Farm, Garden and Orchard Insects—A general survey of some of the economic insects of Florida in reference to their distribution, life history, injury and control on the principal agricultural crops of the State. *(Short Courses. Laboratory fee, $2.00. 2 class and 1 laboratory periods. No credit. Dickey.)*

302. Economic Entomology—An introduction to applied entomology based on the structure, classification, life histories, recognition and control of the injurious insects of Florida. *(Laboratory fee, $3.50. 2 class and 2 laboratory periods. 4 credits. Gray, Dickey, Creighton.)*

303-304. Advanced Economic Entomology—Field and laboratory problem work and insectary work in the rearing of some of the more common Florida insects. The study of natural parasites and the special technique required by professional workers in this line will be given. *(Laboratory fee, $3.50. Prerequisite: Entomology 302. 4 hours. 8 credits. Gray.)*

401. Taxonomy—The collection, study and classification of local economic insects with special emphasis on some one group. *(Prerequisite: Entomology 302. Hours and credit to be arranged. Gray.)*

402. Fruit Insects—A study of pests encountered in deciduous, tropical and citrus fruits, with detailed study of representative life histories and measures adapted to their control. *(Laboratory fee, $3.50. Prerequisite: Entomology 302. 2 class and 1 laboratory periods. 3 credits. Gray, Dickey.)*

403. Garden and Greenhouse Pests—The study of insects encountered in the home, commercial garden and greenhouse. A detailed study of life history and specific control measures adapted to these conditions. *(Laboratory fee, $3.50. Prerequisite: Entomology 302. 2 class and 1 laboratory periods. 3 credits. Gray, Dickey.)*

405. Insecticides and Fungicides—Origin and history of insecticides and fungicides; systematic survey of mixtures now used. Chemical and physical reactions of same. Special emphasis on soaps, oils, coppers, etc. Class, laboratory and field work. *(Laboratory fee, $3.50. 1 class and 2 laboratory periods. 3 credits. Gray, Dickey.)*

406. Insecticides and Fungicides—A special study of lime sulphur, arsenates, dusts, etc. Practical problems that apply to Florida and the Southeast. Class, laboratory and field work. *(Laboratory fee, $3.50. 1 class and 2 laboratory periods. 3 credits. Gray, Dickey.)*

407-408. Advanced Insect Morphology—*(Hours and credit to be arranged. Gray.)*

501-502. Research—Course in special laboratory, insectary and field methods. For graduate students. A survey of the leading problems and methods in certain laboratories and practice in the more complicated methods of technique will be undertaken. *(Hours and credit to be arranged. Gray.)*

503-504. Problems in Entomology—Senior and graduate problems in the various phases of Entomology, as shall be selected on approval of the instructor in charge. Required of graduate students registered for degree in the department. *(Hours and credit to be arranged. Gray.)*

FRENCH

Professor Atkin, Assistant Professor Brunet, Instructor Stevens, Instructor Huston.

21 (22). Elementary French — Course for beginners. *(3 hours. 6 credits.)*

101 (102). Third and Fourth Semester French—Second year college French. *(3 hours. 6 credits.)*

103-104. Elementary Conversation and Composition—*(Prerequisite: French 21-22 or equivalent. 2 hours, 4 credits. Brunet.)*

201-202. Third Year Reading—(Prerequisite: French 101-102. 3 hours. 6 credits. Stevens.)*

205-206. Intermediate Conversation and Composition—*(Prerequisite: French 104; or equivalent and permission of instructor. 2 hours. 4 credits. Atkin.)*

*207-208. Survey of French Literature—An outline course based on the reading and discussion of representative selections from important prose writers and poets. *(Prerequisite: French 102 with grade of A or B; or equivalent and permission of the instructor. 3 hours. 6 credits. Brunet.)*

303-304. Nineteenth Century French Literature—Literary movements and tendencies; leading authors studied in representative works. *(Prerequisite: French 207-208; or equivalent and permission of instructor. 3 hours. 6 credits. Atkin.)*

305-306. Advanced Conversation and Composition—*(Prerequisite: French 206; or equivalent and permission of instructor. 2 hours. 4 credits. Brunet.)*

409-410. Contemporary French Literature—Modern tendencies as revealed in outstanding authors. Lectures, readings and reports. *(3 hours. 6 credits. Atkin.)*

505-506. The French Novel—Its evolution, from the seventeenth century to the present, with special emphasis on the nineteenth century; reading of representative novels; reports. *(3 hours. 6 credits. Atkin.)*

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*NOTE: 201-202 and 207-208 are parallel courses of third-year college grade, and ordinarily students may not take both courses for credit. Those who received a grade of A or B in 102 should take 207-208; those who received a lower grade should take 201-202.

507-508. Special Study in French Literature—Individual reading and reports, in some definite field or period, under supervision of the instructor. *(3 hours. 6 credits. Atkin, Brunet.)*

GEOLOGY

(Administered under the Department of Biology and Geology)

Associate Professor Hubbell

201. Physical Geology—The origin, materials, and structure of the earth; the agencies which produce geological changes. *(3 hours. 3 credits. Hubbell.)*

202. Historical Geology—An introductory course in historical and stratigraphical geology. *(Prerequisite: Geology 201. 3 hours. 3 credits. Hubbell.)*

GERMAN

(Administered under the Department of Spanish and German)

Professor Crow,

21 (22). Elementary Course—Pronunciation, forms, elementary syntax, dictation, written exercises, memorizing of vocabularies and short poems, translation. *(3 hours. 6 credits.)*

101-102. Intermediate Course—Work of elementary course continued, advanced grammar, including syntax, prose composition, translation, sight reading, parallel. *(3 hours. 6 credits.)*

201-202. Advanced Course—Syntax, stylistic, composition, translation, parallel. *(3 hours. 6 credits.)*

301-0301. Readings in Scientific German—*(Prerequisite: German 102. 3 hours. 3 credits.)*

401-402. General Survey of German Literature—*(Prerequisite: German 102. 2 hours. 4 or 6 credits.)*

403-404. Literature of the Classic Period—*(Prerequisite: German 402. 2 hours. 4 or 6 credits.)*

405-406. Philology—A study of historical grammar and readings from Old and Middle High German texts. *(Prerequisite: Consent of instructor. 2 hours. 4 or 6 credits.)*

GREEK

(Administered under the Department of Ancient Languages)

Professor Anderson, Associate Professor Petersen.

21 (22). First Year Greek—Based on a book for beginners. Anabasis Book I with grammar and prose composition. *(3 hours. 6 credits. Petersen.)*

103 (104). Grammar and Prose Composition—An intermediate course in Prose Composition. A systematic study of Greek Grammar. *(2 hours. 4 credits. Petersen.)*

105 (106). Xenophon and Plato-Anabasis Continued—The easier dialogues of Plato, Prose Composition, Grammar. *(3 hours. 6 credits. Anderson.)*

0202. Lysias—Selected Orations of Lysias or other Attic Orators. *(3 hours. 3 credits. Anderson.)*

203. Biblical Greek—Selections from the Septuagint and New Testament. *(3 hours. 3 credits. Anderson.)*

205. Greek History—Political History and History of Greek Civilization during the creative period of ancient Hellas, with emphasis on its influence on the development of modern institutions. *(3 hours. (3 credits. Petersen.)*

206—History of Greek Literature—Preceded by a short study of Greek Life and Customs. A knowledge of the Greek language is highly desirable, but it is not required for this course. *(3 hours. 3 credits. Petersen.)*

207. Homer—Selections from the Iliad and the Odyssey. *(3 hours. 3 credits. Anderson.)*

301. Herodotus and Thucydides—Selections from the Greek historians. *(3 hours. 3 credits. Anderson.)*

302. Euripides and Sophocles—Selections from the Greek dramatists. *(3 hours. 3 credits. Anderson.)*

HISTORY AND POLITICAL SCIENCE

(For courses in Political Science see page 224.)

Professor Leake, Professor Evans, Assistant Professor Tribolet, Instructor Glunt, Instructor Carleton.

The courses in American History and in American Government and Constitutional Law are made possible by the Chair of Americanism and Southern History—endowed by the American Legion, Department of Florida.

HISTORY

101 (102). Europe During the Middle Ages—A general course in the history of Western Europe from the Teutonic migrations to the Reformation. *(Prerequisite for all higher courses. 3 hours. 6 credits. Leake, Evans.)*

201 (202). Modern European History—The characteristic features of the Old Regime, the French Revolutionary and Napoleonic Periods and the development of Europe from the Congress of Vienna to the Congress of Versailles. *(3 hours. 6 credits. Leake.)* Given 1929-30.

203 (204). Latin American History—*(3 hours. 6 credits. Evans.)* Given 1929-30.

208. History of Rome—(Same as Latin 208).

209 (210). French Revolution and Napoleon—*(3 hours. 6 credits. Leake.)* Given 1930-31.

301 (302). American History, 1492 to 1830—*(3 hours. 6 credits. Leake.)* Given 1929-30.

303 (304). American History, 1830 to the Present—*(3 hours. 6 credits. Leake.)* Given 1928-29.

305 (306). English History—*(3 hours. 6 credits. Evans.)* Given 1928-29.

307 (308). The Renaissance and the Reformation—Study of the causes, development and results of these great intellectual and religious movements. *(For advanced students only. 3 hours. 6 credits. Evans.)* Given 1929-30.

HORTICULTURE

Professor Floyd, Professor Lord, Assistant Professor Abbott.

21. Introduction to Horticulture—The fundamental principles of horticulture; practice in the culture, propagation, pruning and training of the important fruit and ornamental plants of Florida. *(Short Courses. Laboratory fee, $1.00. 2 class and 1 laboratory periods. No credit. Abbott.)*

22. Agricultural Botany—The relationship, habits, characteristics and environmental relations of the important crop plants, with laboratory study of principal types. *(Short Courses. Laboratory fee, $2.00. 2 class and 1 laboratory periods. No credit. Deonir.)*

101. Elements of Horticulture—The fundamental activities of plant life with reference to the growth of orchard and garden crops. A study of propagation by budding, grafting, cuttings, etc., seed selection, transplanting, pruning, spraying, frost protection, etc. *(Laboratory fee, $1.00. 2 class and 1 laboratory periods. 3 credits. Abbott.)*

202. Fundamentals of Fruit Production—A general introductory course in the theory and practice of fruit growing. A detailed study of the nature of the responses of fruit trees. *(3 hours. 3 credits. Abbott.)*

204. Pruning—Principles of pruning and training; the physiological principles involved; practice in pruning and training fruit and ornamental plants. *(Laboratory fee, $1.00. 2 class and 1 laboratory periods. 3 credits. Abbott.)*

206. Trucking—Origin, relationship and classification of different truck crops, varieties, cultural methods in different sections, fertilizing, irrigating and harvesting. Planning the home garden. *(Laboratory fee, $1.00. 2 class and 1 laboratory periods. 3 credits. Abbott.)*

301. Advanced Trucking—Soils suited to the leading commercial truck crops of Florida, cultural methods, fertilizing, irrigating, controlling insects and diseases, harvesting, packing and marketing. *(Prerequisite: Biology 101-102. Laboratory fee, $2.00. 2 class and 1 laboratory periods. 3 credits. Abbott.)*

303. Floriculture—The growing of flowers upon the home grounds, pot plants, greenhouse crops and their cultural requirements, includ-

ing ventilation, watering and heating. *(Prerequisites: Horticulture 101. Laboratory fee, $2.00. 2 class and 1 laboratory periods. 3 credits. Floyd.)*

304. Commercial Floriculture—A study of commercial flower crops grown either in the open, under lath, or in greenhouse. Methods of packing and marketing will receive attention. *(Prerequisites: Horticulture 101 and 303. Laboratory fee, $2.00. 1 class and 2 laboratory periods. 3 credits. Floyd.)*

305. Citrus Culture—The citrus grove; site and soil selection; preparation, planting and management; selection of varieties and stocks, and the use of cover crops. *(Prerequisite: Horticulture 202. Laboratory fee, $1.00. 2 class and 1 laboratory periods. 3 credits. Lord.)*

306. Citrus Harvesting, Marketing and Judging—Methods of picking, handling, washing, drying, packing and shipping citrus fruits; identification and judging of varieties. *(Prerequisite: Horticulture 305. Laboratory fee, $1.00. 2 class and 1 laboratory periods. 3 credits. Lord.)*

307. Subtropical Fruits—Avocados, mangoes, pineapples and other tropical and subtropical fruits particularly adapted to Florida; culture, varieties, insects, diseases, etc. *(Prerequisites: Horticulture 101 and 202. Laboratory fee, $1.00. 2 class and 1 laboratory periods. 3 credits. Lord.)*

308. Deciduous Fruits—Peaches, pears, grapes, pecans, and other deciduous fruits with special reference to Florida conditions, culture, varieties, insects, diseases, etc. *(Prerequisites: Horticulture 101 and 202. Laboratory fee, $1.00. 2 class and 1 laboratory periods. 3 credits. Lord.)*

401. Advanced Citrus Problems—An advanced course especially emphasizing the problems offered by varying sites, soils, climates, stocks, varieties, etc. *(Prerequisite: Horticulture 305. Laboratory fee, $1.00. 2 class and 1 laboratory periods. 3 credits. Lord.)*

402. Breeding Horticultural Plants—The application of the principles of genetics to the breeding and improvement of horticultural plants. Methods of successful breeders of horticultural plants. Field work. *(Prerequisites: Horticulture 202 and Biology 106. Laboratory fee, $1.00. 2 class and 1 laboratory periods. 3 credits. Lord.)*

411. General Forestry—The principles of forestry, forest cropping, protecting the home wood lot, use of Florida woods, varieties of timber trees, and the influences of the forests on other industries of the State. *(3 hours. 3 credits. Floyd.)*

503-504. Horticulture Seminar—A study of current horticultural literature and practice, assigned topics and discussion. *(1 hour. 2 credits. Lord, Abbott.)*

505-506. Horticultural Problems—A critical study of advanced problems in horticulture as given in recent literature; methods used in experimental horticulture; results of experiments and their application. *(2 hours. 4 credits. Lord.)*

507-508. Research Work—Specific problems in horticulture. *(3 hours. 6 credits. Floyd, Lord, Abbott.)*

JOURNALISM

Professor Emig, Assistant Professor Ingle, Assistant Professor Hurst, Student Assistant Notley.

103 (104). Introduction to Journalism—A general survey of the broad field of journalistic activities, and a detailed study of literature in its relation to the press. Intensive practice in the technique of forceful writing for newspapers and magazines. *(3 hours. 6 credits. Emig.)*

205. History of American Journalism—A study of the evolution of the newspaper with special emphasis on the relation of the press to the dominant economic, political, and social problems of the various periods in American history. *(Prerequisite: Journalism 101-102. 3 hours. 3 credits. Emig.)*

206. Principles of Journalism—Lectures, readings, and discussion of the relation of the newspaper to government and society, and the ethics and psychology of journalism; editorials, and advertising; questions of stories relating to crime, labor, religion, politics, news suppression, propaganda, and publicity. *(3 hours. 3 credits. Emig.)*

301 (302). Newspaper Reporting and Writing—Lectures, and intensive practice in news-gathering and writing. Students are taught by practice, followed by class discussion and a weekly conference with the instructor. *(3 hours. 6 credits. Emig.)*

309 (310). Newspaper and Magazine Editing—Instruction and practice in editing copy, correcting proof, writing headlines, and other details of editing. *(3 hours. 6 credits. Emig.)* Offered in alternate years after 1929-30.

311. Sports Writing—A study of the fundamental principles of news writing as applied to sports writing. Lectures, and intensive practice in gathering and writing stories of athletic events. Designed especially for those majoring in Physical Education, but open to any junior. Offered annually, beginning 1930. *(3 hours. 3 credits. Ingle.)*

313. The Writing of Special Feature Articles—Lectures and practice in preparing special feature articles for newspaper and magazine publication. Analysis of style and appeals of various types of articles. *(3 hours. 3 credits. Ingle.)*

314. The Writing of Special Articles—Instruction and practice in methods of popularizing scientific and technical material relating to government and politics, economics, education, and social service for publication in newspapers and magazines. *(3 hours. 3 credits. Ingle.)*

315. Community Newspaper Management—A study of the editorial, advertising, and circulation problems peculiar to the community or small-town weekly and daily newspapers. *(3 hours. 3 credits. Ingle.)* Offered in alternate years after 1930-31.

316. Agricultural News Writing—A course in journalistic writing applied to agricultural subjects. It requires no previous study or experience in journalism on the part of the student. Instruction in collecting and writing agricultural news and special articles for the press. *(3 hours. 3 credits. Ingle.)*

318. Newspaper Management—A critical study of the principles and problems of circulation, advertising, business, and editorial management of newspapers; cost finding, accounting systems, and business policy. *(3 hours. 3 credits. Ingle.)* Not given 1929-30.

403. The Press in World Society—A study of the press in an effort to coordinate the student's knowledge of journalism with the broad sweep of civilization; the relation of the press to world problems, education, progress, and contemporary thought and literature. *(3 hours. 3 credits. Emig.)* Not given 1929-30.

404. The Development of Public Opinion—A study of the elements and factors entering into the formation of public opinion, with especial emphasis on the press; the relation of the press to sound government. Also, a study of principles of publicity, and practice in writing publicity articles. *(3 hours. 3 credits. Emig.)* Not given 1929-30.

405. Industrial and Trade Journalism—An analysis of the leading business publications, their history, standards, and style. Practice in gathering, writing, and editing of news and special articles for publication. Editorial and business problems involved in the management of industrial and trade publications. *(3 hours. 3 credits. Ingle.)* Offered in alternate years after 1929-30.

406. Mechanics of Publishing—A study of the best standards of practice in typography from the standpoint of purpose, legibility, contrast, form, and balance; the processes and costs of mechanical equipment for engraving, electrotyping, stereotyping, and printing. *(3 hours. 3 credits. Ingle.)* Offered in alternate years after 1929-30.

407. Editorial Writing—The theory and practice of editorial writing; the analysis of editorial policies; the interpretation of current events and contemporary thought. *(3 hours. 3 credits. Ingle.)*

408. Literary Criticism—This course is intended to prepare students for writing critical reviews for publication. It involves an intensive survey of all literature, poetry, fiction, essays, history, biography, motion picture plays, drama, and an appraisement in terms of the highest literary standards. A wide range of intensive reading is required. *(Open to any senior. 3 hours. 3 credits. Ingle.)*

409. Law of the Press—Instruction and practice in the methods of handling news of the courts; municipal and state administration; finance, bankruptcy, and politics. A study of libel, contempt of court, and other phases of the law of the press. *(3 hours. 3 credits. Hurst.)*

GRADUATE COURSES

501-502. Special Studies in Journalistic Writing—*(3 hours. 6 credits. Ingle.)*

503-504. Special Studies in Newspaper Production — *(3 hours. 6 credits. Emig.)*

LANDSCAPE DESIGN

Professor Floyd, Associate Professor Burritt.

207-208. Elements of Landscape Design—Scope, methods and application to simple problems in design. *(1 class and 2 laboratory periods. 6 credits. Burritt.)*

210. History of Landscape Design—Development from early to modern times. Relation to other arts and their influence. *(3 hours. 3 credits. Burritt.)*

212. Plant Materials—The study of trees, shrubs and herbaceous plants suited to Florida conditions, their characteristics, landscape values, and their arrangement. *(Prerequisites: Horticulture 101 and Botany 101-102. 1 class and 2 laboratory periods. 3 credits. Floyd.)*

309-310. Landscape Design—Design of home grounds, estates and public properties based on definite surveys. *(1 class and 2 laboratory periods. 6 credits. Burritt.)*

405-406. Advanced Planting, Composition and Design—The use of plants in various types of landscape problems, including design of public, semi-public and private properties. *(1 class and 2 laboratory periods. 6 credits. Burritt.)*

403. City and Town Planning—The underlying ideas of civic design, historic development, and broader phases of city planning. *(3 hours. 3 credits. Burritt.)*

LATIN

Professor Anderson, Professor Simonds, Associate Professor Petersen.

(Administered under the Department of Ancient Languages)

21 (22). First Year Latin—Based on a book for beginners. *(3 hours. 6 credits. Petersen.)*

31 (32). Caesar—With grammar and prose composition. *(3 hours. 6 credits. Petersen.)*

41 (42). Cicero and Virgil—With grammar and prose composition. *(3 hours. 6 credits. Petersen.)*

(101). Ovid—Selections; Review of Grammar; Prose Composition; Prosody. *(3 hours; 3 credits. Petersen.)*

(102). Cicero or Livy—Cicero's De Senectute and De Amicitia or Selections from Livy. *(3 hours. 3 credits. Petersen.)*

201. Pliny—Selections from Pliny's Letters. *(3 hours. 3 credits. Anderson.)*

202. Horace—Selections from the Satires, Epistles, Odes, and Epodes, with a study of the Horatian Metres. *(3 hours. 3 credits. Anderson.)*

203 (204). Grammar and Prose Composition—An intermediate course in Prose Composition in connection with a systematic study of Latin grammar. *(2 hours. 4 credits. Petersen.)*

206. History of Roman Literature—Preceded by a short study of Roman Life and Customs. *(3 hours. 3 credits. Simonds.)*

208. History of Rome—*(3 hours. 3 credits. Simonds.)*

253. Roman Law—The fundamental legal conceptions which are found in Roman Law. *(Prerequisite desirable: at least two years of Latin. 3 hours. 3 credits. Simonds.)*

255. Roman Law—An extension of preceding course but independent of it; course 253 not a prerequisite. *(3 hours. 3 credits. Simonds.)*

301. Juvenal and Tacitus—Selections from the Satires of Juvenal and from the Histories or Annals of Tacitus. *(3 hours. 3 credits. Anderson.)*

302. The Elegy—Selections from Catullus, Tibullus, Propertius, and Ovid. *(3 hours. 3 credits. Anderson.)*

303 (304). Advanced Prose Composition—A continuation of Latin 203-204, open only to those students who have completed Latin 203-204 or equivalent. *(2 hours. 4 credits. Petersen.)*

401. Plautus—Selected comedies. *(3 hours. 3 credits. Anderson.)*

402. Terence and Seneca—Selected plays. *(3 hours. 3 credits. Anderson.)*

LAW

Dean Trusler, Professor Cockrell, Professor Crandall, Professor Slagle, Professor Thompson, Associate Professor Te Selle.

301. Torts—History and definitions; elements of torts; conflicting rights; mental anguish; parties to tort actions; remedies; damages; conflict of laws; methods of discharge; comprehensive study of particular torts; false imprisonment, malicious prosecution, abuse of process, conspiracy, slander and libel, trespass, conversion, deceit, nuisance, negligence, and others. Textbooks: Burdick on Torts and Burdick's Cases on Torts, fourth edition. *(5 credits. Trusler.)*

302. Equity Jurisprudence—History and definition; jurisdiction; maxims; accident, mistake, fraud; penalties and forfeitures; priorities and notice; bona fide purchasers, estoppel; election; satisfaction and performance; conversion; equitable estates, interest, primary rights; trusts; powers, duties, and liabilities of trustees; mortgages; equitable liens; assignments; specific performance; injunction; reformation; cancellation; cloud on titles; ancillary remedies. Textbook: Eaton on Equity, second edition; selected cases. *(5 credits. Trusler.)*

303. Contracts—Formation of contract; offer and acceptance; form and consideration; reality of consent; legality of object; operation of contract; limits of the contract obligation; assignment of contract. Textbooks: Clark on Contracts, third edition; Woodruff's Cases on Contract, fourth edition. *(3 credits. Thompson.)*

304. Contracts—Joint obligations; interpretation of contracts; rules relating to evidence and construction; discharge of contract. Textbook: Huffcut and Woodruff's Cases on Contract, fourth edition. *(3 credits. Thompson.)*

305. Criminal Law—Sources of criminal law; nature and elements of crime; criminal intent; insanity; intoxication; duress; mistake of fact or law; justification; parties in crime; offenses against the person, habitation, property, public health and morals, public justice and authority, government, and the law of nations. Textbook: Clark on Criminal Law, third edition; selected cases. *(2 credits. Cockrell.)*

306. Marriage and Divorce—Marriage in general; nature of the relation; capacity of parties; annulment; divorce; suit, jurisdiction, grounds; defenses; alimony; effect on property rights; custody and support of children; agreements of separation. Textbook: Vernier's Cases on Marriage and Divorce. *(1 credit. Cockrell.)*

307. Criminal Procedure—Jurisdiction; arrest; preliminary examination and bail; grand jury, indictment and information and their sufficiency in form and substance; arraignment, pleas, and motions; *nolle prosequi* and motions to quash; jeopardy; presence of defendant at the trial; verdict; new trial; arrest of judgment; judgment, sentence, and execution. Textbook: Clark's Criminal Procedure, second edition; selected cases. *(2 credits. Cockrell.)*

308. Common Law Pleading—History and development of the personal actions at common law; theory of pleading and its peculiar features as developed by the jury trial; demurrers, general and special; pleas

in discharge, in excuse, and by way of traverse; replication *de injuria;* duplicity; departure; new assignment; motions based on pleadings; general rules of pleadings. Textbook: Keigwin's Cases on Common Law Pleading. *(Two sections. 3 credits. Crandall.)*

309. PROPERTY—Personal property; possession and rights based thereon; acquisition of title; liens and pledges; conversion. Textbook: Warren's Cases on Property. *(2 credits. Crandall.)*

310. SALES—Sale and contract to sell; statute of frauds; illegality; conditions and warranties; delivery; acceptance and receipt; vendor's lien; stoppage *in transitu;* bills of lading; remedies of seller and buyer. Textbook: Tiffany on Sales, second edition. *(1 credit. Te Selle.)*

312. PROPERTY—Introduction to the law of conveyancing; rights incident to the ownership of land, and estates therein, including the land itself, air, water, fixtures, emblements, waste; profits; easements; licenses; covenants running with the land. Textbook: Warren's Cases on Property. *(2 credits. Crandall.)*

401. UNITED STATES CONSTITUTIONAL LAW—General principles; distribution of governmental powers; congress; the chief executive; the judiciary; police powers; eminent domain; checks and balances; guarantee of republican government; civil rights; political privileges; guarantee in criminal cases; impairment of contractual obligations. Textbook: Hall's Cases on Constitutional Law. *(4 credits. Slagle.)*

402—EVIDENCE—Judicial notice; kinds of evidence; burden of proof; presumptions of law and fact; judge and jury; best evidence rule; hearsay rule and its exceptions; admissions; confessions; exclusions based on public policy and privilege; corroboration; parol evidence rule; witnesses; attendance in court; examination, cross examination, privilege; public documents; records and judicial writings; private writings. Textbook: Greenleaf on Evidence, sixteenth edition, Volume 1; selected cases. *(4 credits. Cockrell.)*

403. AGENCY—Nature of the relation; purposes and manner of creation; who may be principal or agent; ratification; delegation of authority; general and special agents; rights and duties of agents; termination, nature, extent, construction, and execution of authority of agents; rights, duties, and liabilities of agents; principal and third persons *inter se;* particular classes of agents. Textbook: Mechem's Cases on Agency, second edition. *(2 credits. Thompson.)*

404. Quasi Contracts—Origin and nature of quasi contract; benefits conferred in misreliance on rights or duty, from mistake of law, and on invalid, unenforceable, illegal, or impossible contract; benefits conferred through dutiful intervention in another's affairs; benefits conferred under constraint; action for restitution as alternative remedy for breach of contract and for tort. Textbook: Woodruff's Cases on Quasi Contracts. *(2 credits. Crandall.)*

405. Equity Pleading—Nature and object of pleading in equity; parties to a suit in equity; proceedings in a suit in equity; bills in equity, disclaimer; demurrers and pleas; answer and replication; preparation of bills, demurrers, pleas, answers. Textbooks: Keigwin's Cases in Equity Pleading; Rules of the Circuit Court in Chancery in Florida; Rules of the Federal Court; Statutes of Florida. *(3 credits. Te Selle.)*

406. Private Corporations—Nature; creation and citizenship; defective organization; promotors; powers and liabilities; corporations and the State; dissolution; membership; management; creditors; foreign corporations; practice in forming corporations, preparing by-laws, electing officers, and in conducting corporate business. Textbooks: Clark on Private Corporations, and Wormser's Cases on Corporations. *(3 credits. Slagle.)*

407. Brief Making and the Use of Law Books—Where to find the law; how to use statutes and decisions; how to find the law; the trial brief; the brief on appeal and its preparation. Textbook: Cooley's Brief Making and the Use of Law Books. *(Two sections. 1 credit. Crandall.)*

408. Legal Ethics—Admission of attorneys to practice; taxation; privileges and exemptions; authority; liability to clients and to third parties; compensation; liens; suspension and disbarment; duties to clients, courts, professional brethren, and to society. Textbooks: Attorneys at Law in Ruling Case Law and the Code of Ethics adopted by the American Bar Association. *(1 credit. Te Selle.)*

409. Property—Titles and conveyancing, including acquisition of titles by possession, modes of conveyance at common law, under the statute of uses, and by statutory grant; the execution of deeds; estates created; covenants for titles; estoppel by deed; priorities among titles. Textbook: Warren's Cases on Conveyances. *(3 credits. Crandall.)*

410 PROPERTY—History of the law of wills and testaments; testamentary capacity and intent; kind of wills and testaments; execution, revocation, republication, revival of wills; descent; probate of wills and the administration of estates. Textbook: Warren's Cases on Wills. *(3 credits. Thompson.)*

411. FLORIDA CONSTITUTIONAL LAW*—Declaration of rights; departments of government; suffrage and eligibility; census and apportionment; counties and cities; taxation and finance; homestead and exemption; married women's property; education; public institutions; miscellaneous provisions. Textbooks: Constitution, statutes and judicial decisions of Florida. *(2 credits. Trusler.)*

412. FLORIDA CIVIL PRACTICE*—Organization of courts; parties; joinder and consolidation of actions; issuance, service, and return of process; appearance; trial; verdict; proceedings after verdict; appellate proceedings; peculiar characteristics of the common law actions; special proceedings including certiorari, mandamus, prohibition, quo warranto, habeas corpus, attachment, garnishment, statutory liens, forcible entry and detainer, landlord and tenant. Textbook: Crandall's Florida Civil Practice. *(Section B. 3 credits. Cockrell.)*

413. CODE PLEADING*—Changes introduced by the codes; forms of action; necessary allegations; the complaint; prayer for relief, including general and special denials; new matter; equitable defenses; counter claims; pleading several defenses; replies and demurrers. Textbook: Keigwin's Cases in Code Pleading. *(2 credits. Thompson.)*

414. TRIAL PRACTICE**—Jurisdiction; process; the jury; instructions; trials; verdicts; judgments; new trials; bills of exceptions. Textbook: McBaine's Cases on Trial Practice. *(3 credits. Te Selle.)*

501. INSURANCE—Theory, history, significance; insurable interest; concealment, representations, warranties; subrogation; waiver and estoppel; assignees, beneficiaries; creditors; fire, life, marine, accident, guarantee, liability insurance. Textbooks: Humble's Law of Insurance and Humble's Cases on Insurance. *(1 credit. Te Selle.)*

502. DAMAGES—General principles; nominal; compensatory; exemplary; liquidated; direct and consequential; proximate and remote; general and special; measure in contract and tort actions; entire damages in one action; mental suffering; avoidable consequences;

*For students intending to practice in Florida.
**For students not intending to practice in Florida.

value; interest; lateral support; counsel fees and expenses of litigation; injuries to real property and limited interests; death by wrongful act; breaches of warranty. Textbook: Rogers' Law of Damages; selected cases. *(2 credits. Trusler.)*

503. Public Service Corporations—Nature of public utilities; railroads and other common carriers of goods and passengers; telegraphs and telephones; light and water companies; inns; warehouses; elevators; stockyards; methods of incorporation; public control; rights and obligations at common law and under federal and state statutes. Textbook: Wyman's Cases on Public Service Companies, third edition. *(2 credits. Slagle.)*

504. Municipal Corporations—Creation of cities and towns; powers of a municipality, including public powers, power of taxation, power over streets and alleys, etc.; obligations and liabilities of municipal corporations; powers and liabilities of officers. Textbook: Elliott on Municipal Corporations, third edition. *(1 credit. Cockrell.)*

505. Federal Procedure—System of courts created under the authority of the United States, jurisdiction of the several courts and procedure therein; removal of cases from state courts; substantive law applied by federal courts; appellate jurisdiction. Textbook: Rose on Federal Jurisdiction and Procedure, third students' edition. *(2 credits. Slagle.)*

506. Negotiable Instruments—Law merchant; definitions and general doctrines; contract of the maker, acceptor, certifier, drawer, indorser, vendor, accommodater, assurer; proceedings before and after dishonor of negotiable instruments; absolute defenses; equities; payments; conflict of laws. Textbook: Britton's Cases on Bills and Notes. *(3 credits. Slagle.)*

507. Bankruptcy—Federal and state bankruptcy legislation; who may become bankrupt; prerequisites to adjudication; receivers; trustees; provable claims; exemptions; composition; discharge; appeals. Textbook: Britton's Cases on Bankruptcy. *(2 credits. Te Selle.)*

508. Conflict of Laws—Jurisdiction; sources of law and comity; territorial jurisdiction; jurisdiction *in rem* and *in personam;* remedies, rights of action, procedure; creation of rights; property rights; personal rights; inheritance; obligations *ex delicto* and *ex contractu;* recognition and enforcement of rights; personal relations; property; inheritance; administration of estates; judgments and obligations.

Textbook: Lorenzen's Cases on Conflict of Laws, second edition. *(3 credits. Slagle.)*

509. PARTNERSHIP—Creation, nature, characteristics of a partnership; nature of a partner's interest; nature, extent, duration of the partnership liability; powers of partners; rights, duties, remedies of partners *inter se;* rights and remedies of creditors; termination of partnership. Textbook: Gilmore's Cases on Partnership. *(2 credits. Thompson.)*

510. ABSTRACTS—Practical problems covering the interpretation of maps and the plotting of lots described by metes and bounds; the formal requisites of the different conveyances in use in Florida; deeds executed by public and judicial officers; liens and contracts for the sale of lands. Textbooks: Thompson's Examination of Titles; Florida Statutes and selected Florida cases. *(1 credit. Thompson.)*

511. ADMIRALTY—Jurisdiction; contracts, torts, crimes; maritime liens, ex contractu, ex delicto, priorities, discharge; bottomry and respondentia obligations; salvage; general average. Textbook: Hughes on Admiralty. *(1 credit. Slagle.)*

512. TRUSTS—The Anglo-American system of uses and trusts; creation, transfer, extinguishment of trust interests; priorities between competing equities; construction of trust dispositions; charitable trusts. Textbook: Boger on Trusts; selected cases. *(2 credits. Thompson.)*

513. PROPERTY—Conditional estates; licenses and waivers; reversions and remainders; rule in Shelley's Case; future uses; future interests; executory devises and bequests; vesting of legacies; cross limitations; gifts; failure of issue; determination of classes; powers; rule against perpetuities; restraints on alienation. Textbook: Kale's Cases on Future Interests. *(3 credits. Crandall.)*

515. MORTGAGES — Nature; elements; incidents of the relation; discharge; assignment; redemption; foreclosure; injunction and account; extent of the lien; priority between mortgage liens and competing claims; equity of redemption. Textbook: Durfee's Cases on Mortgages. *2 credits. Cockrell.)*

516. ROMAN LAW*—Readings, references, and reports. Subjects treated: Roman Public Law; Roman International Law; Stoic Philosophy and

*Only three semester hours of Roman Law will be counted toward a degree.

the Jus Gentium; Christianity and the Roman Law; Roman Law in Mediaeval Europe; The Revival of Roman Law; The Roman Element in Modern Jurisprudence. *(3 credits. Simonds.)*

517. Roman Law—The fundamental legal conceptions which are found in Roman Law. Readings in the Institutes of Gaius and Justinian (Robinson's Selections), with constant reference to Sohm—Institutes of Roman Law—translated by Ledley. Topics assigned for reports. Lectures with chief stress on Private Law. *(3 credits. Simonds.)*

518. Practice Court—*(1 credit. Te Selle.)*

519. Practice Court—*(1 credit. Te Selle.)*

MATHEMATICS

Professor Simpson, Associate Professor Wilson, Associate Professor Little,* Assistant Professor Phipps, Assistant Professor Kokomoor, Assistant Professor Dostal, Assistant Professor Messick, Instructor Kusner, Instructor Craig.**

NOTE: Not all of the courses numbered above 200 are given any one year. Course 85, if not taken for entrance unit, may apply toward college credit.

85-085. Plane Trigonometry and Logarithms—A study of the triangle and its practical uses. Theory and application of logarithms as an aid to computation. This course is a prerequisite to all other Mathematics courses for students who do not present Trigonometry for entrance. *(3 hours. 3 credits.)*

101-0101. College Algebra—An elementary treatment of the nature of Mathematics and a somewhat detailed study of a few of the simpler branches of Algebra. *(3 hours. 3 credits.)*

102-0102. Plane Analytic Geometry—A modern approach to the ancient science of Geometry. Geometric concepts expressed in algebraic language, with a study of rectilinear figures and the plane sections of a cone. *(Prerequisites: Mathematics 85 and Mathematics 101. 3 hours. 3 credits.)*

103-0103. Business Mathematics—Application of algebraic methods to a study of simple and compound interest in connection with fundamental financial problems of banking and the business world. *(For students in Business Administration. 3 hours. 3 credits. Kusner, Phipps, Simpson.)*

*Part time only.
**On leave 1928-29.

151 (152). Elementary Mathematical Analysis—Substantially the same subject matter as that of Mathematics 101 and 102, but especially arranged for engineering students. *(3 hours. 6 credits. Phipps, Kusner, Messick, Dostal.)*

251 (252). Differential and Integral Calculus—The mathematical theory of rates of change, with applications to problems in the sciences. Measurement of irregular magnitudes by the method of infinitesimal subdivision. *(3 hours. 6 credits. Dostal, Kusner, Messick, Kokomoor, Phipps, Wilson.)*

311. Advanced College Algebra—A more careful study of the subject matter in Mathematics 101 and an introduction to some of the more advanced topics in Algebra. *(3 hours. 3 credits. Wilson.)*

320. Theory of Equations, Complex Numbers and Determinants—Treats of methods of solution of equations of higher degree. *(3 hours. 3 credits. Wilson.)*

331. College Geometry—A direct continuation of High School Geometry. *(3 hours. 3 credits. Kokomoor.)*

351 (352). Calculus and Solid Analytic Geometry—A continuation of 251 and 252, together with a brief study of straight lines, planes and surfaces by algebraic methods. *(2 hours. 4 credits. Simpson, Wilson.)*

361. The Teaching of Mathematics, with particular attention to the content of secondary school Mathematics. Registration for course only by permission of instructor. *(3 hours. 3 credits. Wilson.)*

364. History of Mathematics—A survey of the development of mathematical science from the earliest times to the present. *(Prerequisite: A certain degree of mathematical maturity to be determined by the instructor. 3 hours. 3 credits. Kokomoor.)*

420. Differential Equations—Methods of solution and physical applications of equations containing derivatives as variables. *(3 hours. 3 credits.)*

512. Introduction to Higher Algebra—A study of advanced topics in Algebra for students of a considerable degree of mathematical maturity. *(3 hours. 3 credits. Simpson.)*

518. Theory of Groups of Finite Order—The group concept and the properties of groups together with some applications. *(3 hours. 3 credits.)*

520. Mathematical Statistics—The mathematical principles underlying modern statistical studies. *(3 hours. 3 credits. Wilson.)*

540. Fourier's Series and Harmonic Analysis—The use of series of terms involving sines and cosines in the solution of physical problems, such as flow of heat, conduction of electricity, vibrating strings. *(3 hours. 3 credits. Simpson.)*

555. Functions of a Complex Variable—The functions of a variable x+ iy, where i is the square root of —1. A course bringing out deeper meanings in Trigonometry, Algebra, and Calculus. Applications to map making and problems in science. *(3 hours. 3 credits. Simpson.)*

MECHANIC ARTS

(Administered under the Department of Drawing and Mechanic Arts)
Professor Strong, Assistant Professor Eshleman.

101-0101. Wood Working—Exercises in joinery and machine work. *(Shop fee, $3.00. Required of all engineering freshmen, one semester; two 3 hour periods of shop work. 3 credits. Eshleman.)*

104. Wood Shop for Agricultural Students—Instruction and practice in the care and use of hand tools in working wood. *(Shop fee, $1.00. Required of sophomores in agriculture; two 2 hour periods of shop work. 2 credits. Eshleman.)*

201. Forge Shop—Practice in hand and machine forging, welding and tempering. *(Shop fee, $3.00. Required of electrical and mechanical engineering sophomores; one 3 hour period of shop work. 1½ credits. Strong.)*

202. Foundry—Practice in molding, core making and in melting and pouring metal, using standard foundry equipment. *(Shop fee, $3.00. Required of electrical and mechanical engineering sophomores; one 3 hour period of shop work. 1½ credits. Strong.)*

204. Metalworking—Work in forge shop, foundry, and machine shop. *(Prerequisite: Shop 101. Shop fee, $3.00. Required of civil engineering sophomores; one 3 hour period. 1½ credits. Strong.)*

301. Machine Shop—All-around experience in bench and machine work. *(Prerequisites: Shop 101 and Shop 201. Shop fee, $5.00. Required of mechanical engineering juniors; two 2 hour periods. 2 credits. Strong.)*

304. Patternmaking—Study and practice of the principles underlying the construction of wooden patterns and core boxes for machine parts and other articles of cast metal. *(Prerequisites: Shop 101 and Shop 202. Shop fee, $3.00. Required of mechanical engineering juniors; two 2 hour periods or one 4 hour period. 2 credits. Strong.)*

401. Machine Shop—Same as 301 except that it is required of electrical engineering seniors. *(Shop fee, $5.00. Two 3 hour periods. 3 credits. Strong.)*

MECHANICAL ENGINEERING

Professor Price, Associate Professor Prescott, Assistant Professor Yeaton.

101 (102). Descriptive Geometry—Methods of representing points, lines, surfaces and solids in space by their projections; the careful solution of many original problems on the drawing-board. *(Required of all engineering and architectural freshmen; two recitations both semesters, and two hours of drawing per week the second semester. 5 credits, divided 2-3. Walker.)*

201 (202). Mechanism—Investigation of link-work, construction of gears and cams, belt and pulley drives, trains of mechanism, the velocity ratio and directional relation of the moving parts of various machines. *(Required of electrical and mechanical engineering sophomores; 2 hours. 4 credits. Prescott.)*

301 (302). Machine Elements—Sizes and proportions of standard machine details, screw-threads, bolts and nuts, pipes and fittings, shafting and shaft mountings, bearings, etc., as approved by practice; design of simple machines, working drawings. *(Required of electrical and mechanical engineering juniors; 3 hours of drawing per week, both semesters, and 2 lectures per week the second semester. 4 credits, divided 1-3. Prescott.)*

305 (306). Kinematic Drawing—Drawing-board solutions of problems in link-work, cams, toothed gears, slider-crank and other mechanisms, with velocity and acceleration diagrams. *(Prerequisite: Mechanism 201-202. Required of mechanical engineering juniors; 3 hours of drawing per week. 2 credits. Prescott.)*

310. Thermodynamics—The laws governing the emission and reception of heat, and the transformation of heat into mechanical energy. A study of the pressure-volume diagrams and the temperature-entropy

diagrams of various theoretical and practical cycles. *(Prerequisites: Mathematics 251-252, Physics 209 and Chemistry 101-102. Required of electrical and mechanical engineering juniors. 3 hours. 3 credits. Price.)*

315 (316). Applied Mechanics—(a) Static, embracing the resolution of forces and moments; equilibrium as applied to trusses, machines, etc., centers of gravity and moments of inertia of areas. (b) Mechanics of materials; stresses and deformations in beams, columns, pipes, machine and structural parts, with various methods of loading. (c) Kinetics, embracing friction, inertia, centrifugal force, kinetic and potential energy. *(Prerequisite: Mathematics 251-252. Laboratory fee, $1.00. Required of engineering and architectural juniors, both semesters; 4 hours; also a two-hour laboratory period each week, both semesters. 10 credits. Yeaton.)*

319. Materials of Engineering—A study of the properties, manufacture, and testing of brick, concrete, timber, iron, steel, alloys and non-ferrous metals; heat treatment and modifying processes. *(Prerequisites: Physics 105-106 and Chemistry 101-102. Required of civil, electrical and mechanical engineering juniors. 2 hours. 2 credits. Yeaton.)*

320. Materials of Engineering—Continuation of course 319. *(Required of mechanical engineering juniors. 2 hours. 2 credits. Yeaton.)*

410. Human Engineering—This course combines a study of some of the problems of production engineering with a study of certain questions of personnel management. *(Prerequisite: Economics 307. Required of all engineering seniors, second semester; 2 hours; elective for non-engineering students. 2 credits. Price.)*

411 (412). Mechanical Design—The calculation, proportioning and detailing of machine parts, and the design of machines to perform certain functions. Steel structures, reinforced concrete, piping, and mechanical equipment of power and manufacturing plants. *(Prerequisites: Mechanism 201-202, Kinematic Drawing 305-306, Machine Elements 301-302 and Applied Mechanics 315-316. Required of mechanical engineering seniors. 2 hours; also 4 hours of drafting. 8 credits. Price.)*

417 (418). Mechanical Laboratory—Study of gauges, thermometers, calorimeters, flow meters, indicators, dynamometers, flue-gas apparatus and other instruments and their use in conducting tests of engines, turbines, boilers and other mechanical equipment. Boiler trials, valve setting, power measurement, fuel tests, refrigeration tests, efficiency and heat balance calculations, with complete reports of experiments. *(Laboratory fee, $5.00 each semester. Prerequisite: Thermodynamics 310. Required of mechanical engineering seniors. 4 hours. 4 credits. Yeaton and Prescott.)*

420. Mechanical Laboratory—The same as Mechanical Laboratory 417. *(Laboratory fee, $5.00. Required of electrical engineering seniors. 4 hours. 2 credits. Yeaton and Prescott.)*

421. Power Engineering—The steam boiler, fuels and combustion, engines and turbines, condensing apparatus and boiler plant auxiliaries. *(Prerequisite: Thermodynamics 310. Required of electrical and mechanical engineering seniors. 3 hours. 3 credits. Price.)*

422. Power Engineering—Chimneys and breeching; pipe systems; valve gears; regulating and governing; heat transmission and refrigeration. The economics of power and refrigerating plants. *(Prerequisites: Thermodynamics 310 and Power Engineering 419. Required of mechanical engineering seniors. 3 hours. 3 credits. Price.)*

424. Power Engineering—Gas and liquid fuel internal combustion engines; hot-air engines; gas producers. *(Prerequisite: Thermodynamics 310. Required of mechanical and electrical engineering seniors. 3 hours. 3 credits. Prescott.)*

426. Aeronautics—A general course covering the fundamentals of airplane construction and the dynamics of the airfoil with a study of internal combustion engines as used in aeronautical work. Airplane control and performance. *(Prerequisite: One year of college physics. 3 hours. 1 1-2 credits. Prescott.)*

464. Heating and Ventilating—May be arranged to last only a part of a semester with corresponding increase in the hours per week. *(Required of architectural seniors; 1 lecture per week. 1 credit. Yeaton.)*

501-502. Advanced Mechanical Design—The design of some machine with critical attention to some phase thereof, usually accompanied by laboratory work illustrative of the application of theory or of

the behavior of materials under assumed special working conditions. *(For graduate students only. 6 hours laboratory work. 6 credits. Price.)*

MILITARY SCIENCE AND TACTICS

Professor Van Fleet and Staff

INFANTRY

BASIC COURSE

101-102. MILITARY SCIENCE—Freshman year, compulsory. Lectures, recitations, drill, calisthenics, and ceremonies. *(6 hours. 4 credits.)*

The work is divided as follows:

(a) *Practical*—Infantry drill, school of the soldier, squad, platoon, company and ceremonies; gallery and rifle firing; scouting and patrolling; setting up exercises and mass play; organization; infantry equipment.

(b) *Theoretical*—Infantry drill regulations and ceremonies; theory of rifle marksmanship; hygiene, first aid and military courtesy.

201-202. MILITARY SCIENCE—Sophomore year, compulsory. Lectures, recitations, drills, calisthenics, and ceremonies. *(Prerequisite: Military Science 101-102. 6 hours. 4 credits.)*

The work is divided as follows:

(a) *Practical*—Command and leadership; ceremonies; setting up exercises and mass play; rifle and automatic rifle firing; rifle and hand grenades; scouting and patrolling, and combat principles of the squad.

(b) *Theoretical*—Map reading; scouting and patrolling; musketry; interior guard duty; automatic rifle.

ADVANCED COURSE

301-302. MILITARY SCIENCE—Junior year, elective. Lectures, recitations, command and leadership. *(Prerequisite: Military Science 201-202. 6 hours. 4 credits.)*

The work is divided as follows:

(a) *Practical*—Command and leadership; rifle, machine gun firing; field engineering.

(b) *Theoretical*—Field Engineering, defense, obstacles, demolitions, roads, bridges; machine guns, platoon drill and mechanism, theory of

direct and indirect fire; elements of international law; military law, military sketching, map reading.

401-402. MILITARY SCIENCE—Senior year, elective. Lectures, recitations, command and leadership. *(Prerequisite: Military Science 301-302. Both semesters; 6 hours per week. 4 credits.)*

The work is divided as follows:

(a) *Practical*—Command and leadership; rifle and pistol firing; tactical walks, patrols, security detachments, offensive and defensive operations, 37 mm gun, trench mortar firing.

(b) *Theoretical*—Military history and policy of the United States; administration; combat principles 37 mm gun and trench mortar.

FIELD ARTILLERY

BASIC COURSE

103-104. MILITARY SCIENCE—Freshman year, compulsory. Lectures, recitations, drills, calisthenics, and ceremonies. *(6 hours. 4 credits.)*

The work is divided as follows:

(a) *Practical*—Field Artillery dismounted drill (school of the soldier, squad, platoon, and battery); ceremonies; setting up exercises; pistol instruction; care and display of equipment; nomenclature of the French 75 m.m. gun; gun drill; gunners' examination.

(b) *Theoretical*—Field Artillery drill regulations and ceremonies; military courtesy; elementary gunnery; material; duties of the cannoneers.

203-204. MILITARY SCIENCE—Sophomore year, compulsory. Lectures, recitations, drills, calisthenics, and ceremonies. *(Prerequisite: Military Science 103-104. 6 hours. 4 credits.)*

The work is divided as follows:

(a) *Practical*—Command and leadership; ceremonies; setting up exercises; military sketching; topography and orientation; signal communications; equitation and horsemanship; mounted drill.

(b) *Theoretical*—Field Artillery drill regulations; map reading; topography and orientation; signal communications; care of animals and stable management.

PAINTING

(Administered under the Department of Architecture)

Instructor Long

103-104. Pictorial Composition—Principles of picture building in black and white. Beginning with simple arrangements of lines, spaces, and dark and light. Problems are assigned and the solutions criticised during the classroom hour. *(One hour criticism. Five hours outside work. 4 credits.)*

107. Abstract Design—Principles of design; problems in space filling; developing of simple decorative units; balance of areas; values of light and dark; color problems. *(First semester. 3 hours. 1 credit.)*

115-116. Poster Design—Analysis of the essentials of a good poster. Methods of handling tempera color and other mediums. Practical designing of posters for commercial purposes. *(Three class hours, 3 hours preparation. 4 credits.)*

117-118. Advertising Design—Designing of original advertisements and a study of the methods and mediums employed in making drawings for reproduction. *(Three two-hour periods. 4 credits.)*

203-204. Pictorial Composition—Continuation of Painting 103-104. Attention is given to figures and interiors. Color is introduced with problems in color harmony, balance, rhythm and contrast. *(One hour criticism. 5 hours outside work. 4 credits.)*

207-208. Abstract Design—Continuation of principles of design with problems developed to give experience in three dimensional design and with color as related to areas. *(Three hours. 2 credits.)*

211-212. Oil Painting—Theory of pigment color. Still life studies in full color. Arrangement and character of various objects used. Simple landscape studies. *(Three three-hour periods. 6 credits.)*

219-220. Illustration—Book and magazine illustration employing figures. Design and technique. *(Three two-hour periods. 4 credits.)*

PHARMACOGNOSY AND PHARMACOLOGY

Professor Christensen, Instructor Werner

The Department of Pharmacognosy and Pharmacology offers all courses in Pharmacognosy and in Materia Medica required by the Pharmaceutical Syllabus in the three-year curriculum, and in addition, num-

erous elective courses for the third and fourth year of undergraduate work. All courses in Pharmacognosy are supplemented with field work in the pharmaceutical garden conducted by the Department. The laboratories are well equipped for graduate work, and both major and minor courses are offered to candidates for the degree of Master of Science.

221-222. Practical Pharmacognosy—Systematic study of the vegetable and animal drugs of the United States Pharmacopoeia and the National Formulary. Laboratory work on the methods of identifying the crude drugs, illustrated with authentic specimens. *(Laboratory fee, $5.00 per semester. 6 hours. 6 credits. Christensen, Werner.)*

231-232. Cultivation of Medicinal Plants—Medicinal plants that are being cultivated, methods of cultivation, harvesting, curing, and preparation for market. Field work with plants that can be successfully grown in the pharmaceutical garden. *(Lectures and field periods to be arranged according to credit, which may vary from 4 to 10 credits. Christensen, Werner.)*

342. Microscopy of Drugs—Microscopic structure and characteristics of types of drugs, methods of identifying powdered drugs and food products, and of detecting adulterations. *(Prerequisite: Pharmacognosy 222. Laboratory fee, $3.00. 1 class and 2 laboratory hours. 3 credits. Christensen, Werner.)*

351. Pharmacology—The therapeutic action, dosage, uses, and toxicology of official and non-official drugs and poisons. Illustrated with carefully planned demonstrations. *(Prerequisite: Pharmacognosy 222. 3 hours. 3 credits. Christensen.)*

362. Pharmacological Standardization — Biological assaying, employing the official methods of the United States Pharmacopoeia. *(Prerequisite: Pharmacology 351. Laboratory fee, $5.00. 2 class and 2 laboratory periods. 4 credits. Christensen, Werner.)*

423-424. Advanced Pharmacognosy—A history of the propagation and development of drugs under cultivation with special emphasis on methods employed, climatic and soil features and effect on plant constituents. Special problems on drug culture and in the isolation of plant constituents. Lectures, laboratory and field work. *(Prerequisite: Pharmacognosy 221-222. Fees and credits (6 to 10) to be arranged. Christensen.)*

435-436. Comminution of Crude Drugs—Types of milling machinery and milling processes. Legal standards for powdered drugs. Deterioration of drugs, causes and prevention. Preservation from insects. Lectures and laboratory, collateral reading, oral and written reports. *(Prerequisite: Pharmacognosy 221-222. Fees and credits (6 to 10) to be arranged. Christensen.)*

451-452. Advanced Pharmacology—Advanced study of the pharmacology of drugs and pharmacological standardization with special reference to serums, vaccines, antitoxins, enzymes, pollen extracts, and gland products. Lectures and laboratory. *(Prerequisite: Pharmacology 362. Fees and credits (4 to 10) to be arranged. Christensen.)*

455-456. New Remedies—A brief history of the organization, policies and accomplishments of the Council on Pharmacy and Chemistry of the American Medical Association. The pharmacology of new remedies accepted and placed on the market. Lectures, discussions, collateral reading, oral and written reports. Open to seniors and graduates. *(Prerequisite: Pharmacology 362. Credits (4 to 6) to be arranged. Christensen.)*

491-492. Pharmacognosy Thesis or Pharmacology Thesis—Work for senior thesis may be arranged upon consultation. Students are assigned to problems in Pharmacognosy or Pharmacology for investigation and research. Conferences, library, laboratory and field work. *(4 credits. Christensen.)*

GRADUATE COURSES

521-522. Special Problems in Pharmacognosy—Identification, classification, determination of constituents and properties of drug plants; special experiments in the propagation, cultivation, harvesting and curing of native and exotic plants; field work in the collecting of drug plants native to Florida. *(4 to 10 credits. Christensen.)*

533-534. Seminar in Pharmacognosy—Sources of information on crude drugs and a study of current plant literature. Special written and oral reports. *(2 to 8 credits. Christensen.)*

551-552. Special Problems in Pharmacology—A comparison of methods of biological assaying. Special lectures, collateral reading, laboratory experiments, oral and written reports. *(4 to 10 credits. Christensen.)*

555-556. Pharmacological Testing—Determination of the therapeutic properties of drugs by means of animal experimentation, using special types of recording apparatus. *(2 to 8 credits. Christensen.)*

591-592. Pharmacognosy Thesis or Pharmacology Thesis—*(Work and credit for graduate thesis in Pharmacognosy or Pharmacology to be arranged upon consultation. Christensen.)*

PHARMACY

Professor Husa, Associate Professor Foote, Instructor Enz

101. Pharmaceutical Arithmetic—The application of arithmetic to pharmacy; a thorough study of the systems of weight and measure in use in the United States, and their relation to each other. Laboratory work acquaints the student with the weights and measures studied, and experiments are carried out on specific gravity, percentage solutions, thermometry, etc. *(Laboratory fee, $2.50. 2 class and 1 laboratory periods. 3 credits. Husa, Enz.)*

102. Theoretical Pharmacy—The history and nomenclature of the United States Pharmacopoeia and the National Formulary, and of the apparatus and processes of operative pharmacy. Students conduct in the laboratory operations illustrating the principles considered in lecture, and perform the simpler pharmaceutical operations into which chemical reactions do not enter. *(Laboratory fee, $2.50. 2 class and 1 laboratory periods. 3 credits. Foote, Enz.)*

211. Inorganic Pharmacy—The consideration of such inorganic compounds as are used in medicine—their origin and preparation, and their physical, chemical, and physiological properties; the preparation and the detection of these inorganic substances, and their use in compounding remedies. *(Prerequisite: Chemistry 104 and Pharmacy 102. Laboratory fee, $5.00. 3 class and 2 laboratory periods. 5 credits. Foote.)*

222. Galenical Pharmacy—Galenical preparations, including syrups, spirits, tinctures, extracts, and emulsions. The preparation of these materials extemporaneously on a small scale, and also their manufacture in larger amounts by use of pharmaceutical machinery. *(Prerequisites: Chemistry 251 and Pharmacy 102. Laboratory fee, $5.00. 3 class and 2 laboratory periods. 5 credits. Foote.)*

331. Qualitative Drug Analysis—The detection of the common synthetics, glucosides, and alkaloids in pharmaceutical preparations, particularly those of high toxicity. The tests used are those commonly accepted as evidence in medico-legal cases. Laboratory work upon powders, solutions, emulsions, etc. *(Prerequisite: Chemistry 252. Co-requisite: Pharmacy 351. Laboratory fee, $5.00. 1 class and 2 laboratory periods. 3 credits. Foote.)*

332. Quantitative Drug Analysis—The quantitative analysis of medicinal preparations by physical means or by chemical methods. Certain analyses are made by use of the polariscope and the refractometer, while alkaloids are determined both gravimetrically and volumetrically. *(Prerequisites: Chem. 252 and 304, Phar. 351. Laboratory fee, $5.00. 2 laboratory periods. 2 credits. Foote.)*

351. Organic Pharmacy—The preparation of natural and synthetic substances, and their use in medicine; the production of these materials on a semi-commercial scale and also the common tests which may be applied for their detection in a prescription. *(Prerequisites: Chemistry 252 and Pharmacy 222. Laboratory fee, $5.00. 3 class and 2 laboratory periods. 5 credits. Foote.)*

361-362. Prescriptions and Dispensing—To train the student for practical and efficient work at the prescription counter, each student is given extensive practice in filling prescriptions. Incompatibilities, with emphasis on the methods of overcoming apparent incompatibilities. Prescription reading, translation of prescription Latin, accepted methods of checking and filing prescriptions, and prescription pricing. *(Prerequisites: Pharmacy 211 and 222. Laboratory fee, $5.00 per semester. Lectures, recitations, and laboratory work. 6 credits. Husa, Enz.)*

372. Commercial Pharmacy—The management of the retail pharmacy; business management, including merchandise information, retail buying, advertising, salesmanship, and accounting. *(Prerequisites: Pharmacy 211 and 222. 4 hours. 4 credits. Husa.)*

381. Pharmaceutical Jurisprudence—National, state and local laws and regulations governing the practice of pharmacy, and the pharmacist's liability, both criminal and civil, for his own violations of laws and for violations on the part of his agents. *(Prerequisites: Pharmacy 211 and 222. 2 hours. 2 credits. Husa.)*

431-432. Advanced Drug Analysis—The more difficult analytical methods of the United States Pharmacopoeia, supplemented by other methods recommended by the Bureau of Chemistry. Determinations are both qualitative and quantitative. *(Prerequisites: Pharmacy 331-332. Laboratory fee, $6.00 per semester. 3 laboratory periods. 6 credits. Husa, Enz.)*

451. Synthetic Pharmaceuticals—The manufacture and use of the newer synthetic remedies. A comparative study of the different manufacturing methods for each product. The laboratory work consists of the preparation of these products by one or more methods. *(Prerequisite: Pharmacy 351. Laboratory fee, $5.00. 3 class and 2 laboratory periods. 5 credits. Foote.)*

471-472. Advanced Commercial Pharmacy—A study of the commercial problems and business methods of the manufacturer, wholesaler, and retail chain store executive. *(Prerequisite: Pharmacy 372. 2 hours. 4 credits. Husa.)*

491-492. Thesis—By arrangement, senior students may be assigned to research problems in Pharmacy, a senior thesis being written on the results of the research. *(Prerequisite: Consent of instructor. Laboratory fee is determined by nature of problem undertaken. 4 credits. Husa, Foote.)*

GRADUATE COURSES

502. Selected Topics in Pharmacy—A general study of the newer types of pharmaceuticals, such as vitamine preparations, newer solvents, etc. A detailed study with assigned readings is made of selected problems of current interest, whose solution depends in part on metabolic considerations. *(2 hours. 2 credits. Husa.)* Given alternate years. Offered in 1929-30.

503. Advanced Pharmacy—Lectures and assigned readings on important pharmaceutical preparations, particularly those involving chemical changes. *(2 hours. 2 credits. Husa.)* Offered alternate years. Not offered in 1929-30.

504. Advanced Galenical Pharmacy—A detailed study of the fundamental research work on which formulas for various galenicals are based. *(2 hours. 2 credits. Husa.)* Offered alternate years. Not offered in 1929-30.

541. Manufacturing Pharmacy—A general study of the apparatus and processes used in the manufacture of pharmaceuticals on a factory scale. A detailed study of selected technical problems of current interest to those engaged in pharmaceutical manufacturing operations. *(2 hours. 2 credits. Husa.)* Given alternate years. Offered in 1929-30.

551. Advanced Synthetic Pharmaceuticals—Laboratory work and a study of the literature dealing with the methods used in the synthesis of the more complex organic remedies. *(Prerequisites: Pharmacy 451 and a reading knowledge of German. 2 laboratory periods. 2 credits. Foote.)*

554. Advanced Pharmacy—Lectures and assigned reading on the pharmacy and chemistry of vegetable drugs. *(2 hours. 2 credits. Foote.)*

PHILOSOPHY

Professor Enwall, Assistant Professor Hinckley, Assistant Professor Williams.

NOTE: Students may begin with courses 201, 205, 301, and 303.

201-0201. General Psychology—Facts and theories current in general psychological discussion; the sensations, the sense organs, the functions of the brain, the higher mental processes—attention, perception, memory, emotion, volition, the self; and like topics. *(3 hours. 3 credits. Hinckley, Williams.)*

203. Elementary Experimental Psychology—Lectures and laboratory work in connection with the nervous system, the sense organs, muscles, glands, reflexes, emotions, instincts, and simple habits. *(Prerequisite: Phil. 201, or this course may be taken along with Phil. 201. Laboratory fee, $2.00. 3 hours. 3 credits. Williams.)*

204. Experimental Psychology—Mainly laboratory work with standard apparatus on the current problems in Experimental Psychology. Special attention given to methods of psychological investigation and the collection and treatment of data. *(Prerequisite: Phil. 201. Phil. 203 is strongly recommended. Laboratory fee, $2.00. 5 hours. 3 credits. Williams.)*

205. Logic, Inductive and Deductive—The use of syllogisms, inductive methods, logical analysis, and criticisms of fallacies. *(3 hours. 3 credits. Enwall.)*

206-0206. Business Psychology—The main facts of theoretical, experimental, and social psychology will be presented and applied to the fields of business problems; especially, advertising, selling, employment, and efficiency in work. *(Prerequisite: Phil. 201. 3 hours. 3 credits. Hinckley.)*

301. Ethics—Principles of Ethics: Study of such topics as goodness, happiness, virtue, duty, freedom, civilization, and progress. *(3 hours. 3 credits. Enwall.)*

302. Advanced Ethics—The history of the various ethical systems. Theism and Agnosticism. *(Prerequisite: Phil. 301. 3 hours. 3 credits. Enwall.)*

303. History of Ancient Philosophy—The development of philosophic thought from its appearance among the Ionic Greeks to the time of Descartes. Special attention will be given to the philosophy of Plato and Aristotle. *(3 hours. 3 credits. Enwall.)*

304. History of Modern Philosophy—A continuation of Phil. 303. Special attention will be given to the works of Descartes, Spinoza, Leibnitz, Kant, Hume, etc. *(3 hours. 3 credits. Enwall.)*

305. Social Psychology—Influences of the social environment upon the mental and moral development of the individual. *(Prerequisite: Phil. 201. 3 hours. 3 credits. Williams.)*

306. Abnormal Psychology—Abnormal phases of mental life; dreams, illusions, hallucinations, suggestions, hypnotism, hysteria, diseases of the memory, diseases of the will, mental hygiene, etc. *(Prerequisite: Phil. 201. Open to seniors, advanced pre-medical and law students only. 3 hours. 3 credits. Enwall.)*

308. Comparative Psychology—A review of the psychological experiments in which animals were employed as subjects with an attempt to trace the phylogenetic development of human intelligence. *(Prerequisite: Philosophy 201. Given with Philosophy 310 in alternate years. 3 hours. 3 credits. Williams.)*

310. History of Psychology—A survey of the historical development of psychology with special emphasis on the more recent programs of the subject. A critical expository examination of representative writers. *(Prerequisite: Phil. 201. Given with Phil. 308 in alternate years. 3 hours. 3 credits. Williams.)* Offered 1929-1930.

401 (402). Advanced Logic — Seminar. Theories of thought and knowledge. *(Prerequisite: Phil. 205, 303, 304. Given with Phil. 403 (404) in alternate years. 3 hours. 6 credits. Enwall.)*

403 (404). Philosophy of Nature—Seminar. Man's relation to Nature; the various philosophical doctrines: Animism, Pantheism, Materialism, Realism, Agnosticism, Humanism, Idealism, etc. *(Prerequisites: Phil. 205, 303, 304. Given with Phil. 401 (402) in alternate years. 3 hours. 6 credits. Enwall.)* Offered 1928-1929.

405. Psychological Tests—Tests of general intelligence, special aptitude, personality traits, business ability, organization and administration; critical evaluation of methods and results; theory of test construction and scoring; and practical uses of tests. *(Prerequisite: Phil. 201. 3 hours. 3 credits. Hinckley.)*

406. Theory of Psychological Measurement—Quantitative methods of experimental psychology; collection and treatment of data; method of least squares; correlation; prediction, and probability. *(Prerequisites: Phil. 201, 405. 3 hours. 3 credits. Hinckley.)*

501 (502). Advanced Experimental Psychology—Lectures and class demonstrations on the sensory processes, learning, attention, thought activities, space perception, emotion, and the relation of mind to body. *(Prerequisites: Phil. 201, 204. 3 hours. 6 credits. Hinckley.)*

503. Theories of Personality—The more inevitable problems of human life and their normal and abnormal solutions. Consideration of the self, conduct, and the individually developed personal organization. *(Prerequisites: Phil. 201, 303, 304. 3 hours. 3 credits. Hinckley.)*

505 (506). Hume, Kant—Seminar. The works of these men will be read, selected topics assigned for papers and discussion. A thesis will be required. *(Prerequisites: Phil. 201, 205, 301, 302, 303, 304, 401 (402), 403 (404). 3 hours. 6 credits. Enwall.)*

507-508. The Philosophic Conceptions of the Great English Poets—*(Prerequisites: English 103-104, 201-202. 3 hours. 6 credits. Enwall.)*

PHYSICAL EDUCATION AND COACHING

Mr. Bachman, Dr. Haskell, and Athletic Staff

(For courses in Coaching, see page 166.)

PHYSICAL EDUCATION

101. Elementary Gymnastics—Instruction given in free exercises for general development and muscular co-ordination. Elementary work on apparatus, emphasizing form, approach, and execution. *(2 hours. 1 credit.)*

102. Outdoor Activities—Instruction and play in tennis, football, basketball, playground ball, track and baseball. *(2 hours. 1 credit.)*

112. Calisthenics, Marching and Gymnastic Dancing—Principles of construction of calisthenic drills for different age groups. Theory and practice in conducting classes. Marching for rhythm discipline and coordination. Fancy marching, folk dancing, and gymnastic dancing. *(4 hours in Gymnasium. 2 credits. Haskell.)*

114. Elementary and Advanced Gymnastics—Gymnastic nomenclature, practice on elementary and advanced apparatus work. Planning and conducting classes; tumbling and stunts. Massed classwork and gymnastic games. *(4 hours in Gymnasium. 2 credits. Haskell.)*

201. Advanced Gymnastics—Advanced work on mat, ring, heavy apparatus, nomenclature, emphasizing skill, form, and accuracy of execution. Practice work in leading classes. *(2 hours. 1 credit.)*

202. Outdoor Activities—Instruction and play in boxing, wrestling, fencing and cage ball. *(2 hours. 1 credit.)*

231 (232). First Aid and Training — The American Red Cross advanced course in first aid to the injured. General rules for conditioning, diet, bathing, hydrotheraphy, massage, prevention and treatment of athletic injuries. *(1 hour. 1 credit. Haskell.)*

301-302. Leaders Class—Special instruction to those showing proficiency in Courses 101 and 201, preparing them in the more advanced gymnastic work. Theory and practice in class management and working out programs in physical education. *(2 hours. 2 credits.)*

341. Programs—Objectives of physical education; department organization and administration; programs; teaching and supervising quali-

fications; supervision of gymnasiums, pools, and playground. *(1 hour. 1 credit. Haskell.)*

351. Intramural—Aims and purposes, organization, control, schedules, sports, publicity, awards. Theory and Practical Application. *(2 hours. 2 credits. Brown.)*

362. Physical Diagnosis and Corrective Gymnastics—Physical examination for postural, physical defects and deformities. Active and passive exercises, its application to corrective work; use of exercise in disease. *(3 hours. 3 credits. Haskell.)*

422. Athletic and Gymnasium Construction and Equipment—Athletic field, selection of site; planning and construction of track and field; surfacing and laying out field for major sports and other activities. Field house; stadium and swimming pool construction and maintenance. Gymnasium and locker room construction and equipment. *(1 hour. 1 credit. Haskell, Higgins, and others.)*

481. Community Recreation and Playgrounds—Community recreation, its scope and activities. The function of play and its objectives. Facilities for recreation, location, and planning of the play grounds. The school as a neighborhood recreation center; public baths; community buildings. Organization and administration. *(1 hour. 1 credit. Haskell.)*

491 (492). Practice Teaching—Students in this course will be assigned to a section of freshman physical education and teach this under the supervision of the Physical Education Director twice a week. *(2 hours. 2 credits. Haskell.)*

PHYSICS

Professor Benton, Associate Professor Perry, Assistant Professor Bless, Assistant Professor Skellett, Instructor Little*, Instructor Stevens.

The courses offered in this department fall into three groups. (1) Physics 203-204 is a standard college course in general physics, which does not presuppose any previous knowledge of Physics, and Physics 201-202 is an abbreviated college course in general physics; (2) Physics 205-209 (or 105-108 and 209) form a longer and more advanced course in general physics, pre-supposing a knowledge of the physics taught in the high schools and of trigonometry; (3) the remaining courses deal more fully with special branches of physics, pre-supposing a college course in general physics, and appropriate mathematical preparation. Courses numbered 307 or higher (except 313 to 317) presuppose Calculus.

105-106. General Physics, including mechanics, heat, acoustics, and optics, but not electricity and magnetism. Text-book used in 1928-

*Absent on leave, 1928-29.

1929; Kimball's College Physics. *(Prerequisites: High School Physics and Plane Trigonometry. Required of freshmen in engineering and architecture. 3 hours. 6 credits. Benton.)*

107-108. General Laboratory Physics, to Accompany Physics 105-106—*Laboratory fee, $1.50 per semester. 2 two-hour laboratory periods. 4 credits. Skellett.)*

201-202. A Brief Course in General Physics—Text-book used in 1928-1929: Merchant and Chant's Elements of Physics. *(Laboratory fee, $1.50 per semester. Required of Agricultural students, sophomore year. 2 class and 1 laboratory periods. 6 credits. Benton.)*

203. Mechanics and Heat—General physics designed to meet the needs of the general student, and of those taking the Pre-Medical course. Text-book used in 1928-1929: Smith's Elements of Physics. *(Laboratory fee, $1.50. 3 class and 2 two-hour laboratory periods. 5 credits. Perry.)*

204. Sound, Light, Electricity and Magnetism—General physics designed to meet the needs of the general student, and of those taking the Pre-Medical course. *(Laboratory fee, $1.50. 3 class and 2 two-hour laboratory periods. 5 credits. Perry.)*

205-206. General Physics, including mechanics, heat, acoustics, and optics, but not electricity and magnetism. *(Prerequisite: High School Physics and Plane Trigonometry. 3 hours. 6 credits. Benton.)*

207-208. General Laboratory Physics, to Accompany Physics 205-206—*(Laboratory fee, $1.50 per semester. 2 two-hour laboratory periods. 4 credits. Skellett.)*

209. General Electricity and Magnetism, being a continuation of Physics 205-208 (or Physics 105-108).—Text-book used in 1928-1929: Kimball's College Physics. *(Laboratory fee, $1.50. 2 class and 1 two-hour laboratory periods. 3 credits. Perry.)*

212. Applied Electricity and Magnetism—This course is also given under the name Electrical Engineering 202-204. *(Prerequisites: Mathematics 251 and Physics 209 or 203-204. Laboratory fee, $3.00. 2 class and 1 two-hour laboratory periods per week. 3 credits. Benton and Weil.)*

301. Meteorology—A brief general course. Text-book used in 1928-1929: Milham's Meteorology. *(Prerequisite: One year of college physics. 2 class and 1 two-hour laboratory periods. 3 credits. Benton.)*

302. Astronomy—A brief general course on descriptive astronomy. Text-book used in 1928-1929: Faith's Elements of Astronomy. *(Prerequisite: One year of college physics. 2 class and 1 two-hour observation periods. 3 credits. Perry.)*

303-304. Advanced Experimental Physics—Experiments of more advanced type than those of Physics 203-204, 207-208, or 209, together with study of the theory of the experiments and assigned reading. The particular experiments assigned vary with the needs and interests of the individual student. *(Prerequisites: Mathematics 101-102 or 151-152 and Physics 203-204 or 209. 1 class and 4 laboratory hours. 6 credits. Benton, Perry, Bless.)*

306. Electrical Measurements—The theory and practice of methods of measurement of resistance, current, electromotive force, power and energy. Planned primarily for advanced students in physics, chemistry, and electrical engineering. Laboratory work will be adjusted to meet the needs and interests of the individual student. *(Prerequisites: Mathematics and Physics 209. 1 class and 4 laboratory hours. 3 credits. Weil.)*

307. Heat—A general survey of this branch of physics from the theoretical as well as from the experimental point of view. The laboratory work will include accurate measurements of the heat of combustion of materials, thermal conductivity of metals, melting point of metals and specific heats of gases. *(2 class and 2 laboratory hours. 3 credits. Bless.)* Given alternate years. Not offered in 1929-1930.

309. Theoretical Optics—The study of the phenomena of refraction, interference, diffraction and polarization. *(3 hours. 3 credits. Perry.)* Given alternate years. Offered in 1929-1930.

310. Experimental Optics—Laboratory work with the spectrometer, interferometer, diffraction grating and polarimeter. *(1 class and 3 laboratory hours. 2 credits. Perry.)* Given alternate years. Offered in 1929-1930.

311. Electricity and Magnetism—The theory of magnetism and electrostatics, the electric current and its effects, thermoelectricity, electromagnetism, the elementary theory of alternating currents. *(Prerequisites: Mathematics 252 and Physics 209 (or 203-204). Laboratory fee, $1.50. Required of juniors in electrical engineering; elective for others. 2 class and 2 laboratory hours. 3 credits. Perry.)*

312. Experimental Electricity and Magnetism—The theory and the actual determination of the electric quantities in terms of absolute units, the study of the effects of inductances and condensers in direct and alternating circuits, the magnetic circuit. *(1 class and 3 laboratory hours. 2 credits. Perry.)* Given alternate years. Not offered in 1929-1930.

313. Glass Blowing—*(3 laboratory hours. 1 credit. Skellett.)*

314. High Vacuum Technique—*(Prerequisite: Glass Blowing. 3 laboratory hours. 1 credit. Skellett.)*

315. Demonstration Physics—A course in the use of physical apparatus in teaching. Given in summer school only.

317. Modern Theories of Physics—Given in summer school only.

402. Mathematical Physics—An introductory course to general mathematical physics. *(3 hours. 3 credits. Benton.)* Given upon sufficient demand.

405-406. Theoretical Mechanics—Statics of systems of particles and of rigid bodies. Motion of particles and of rigid bodies under constant and under variable forces. Generalized coordinates. *(3 hours. 3 credits. Bless.)* Given alternate years. Offered in 1929-1930.

412. Advanced Electricity and Magnetism—A continuation of 311. The theory of alternating circuits, electromagnetic radiation, conduction of electricity in gases. *(3 hours. 3 credits. Perry.)* Given alternate years. Offered in 1929-1930.

503-504. Kinetic Theory of Gases—The elements of the kinetic theory, the application of the theory to gases and liquids, the electrical and magnetic properties of the molecules from the standpoint of the theory. *(3 hours. 6 credits. Bless.)* Given in alternate years. Not offered in 1929-1930.

508. Thermodynamics—The theory of thermodynamics, the applications to fluids, the application to electric circuits, the phase rule. *(3 hours. 3 credits. Bless.)* Given alternate years. Not offered in 1929-1930.

510. Spectroscopy—The phenomena and theories of spectroscopy, the methods of excitation and of observation of the line spectra of elements, the analysis and interpretation of the emission and absorp-

tion spectra of elements, precision wave length determination. *(2 class and 3 laboratory hours. 3 credits. Bless.)* Given alternate years. Not offered in 1929-1930.

517-518. Modern Physics—Production, properties and effects of X-rays, radioactivity, theories of atomic structure, the physical and chemical properties of elements in the light of these theories. *(3 hours. 6 credits. Bless.)* Given alternate years. Offered in 1929-1930.

PLANT PATHOLOGY

(Administered under the Department of Entomology and Plant Pathology)

Professor Gray, Instructor Dickey, Mr. Creighton.

22. Diseases and Insects of Citrus—The important physiological and fungous diseases with a survey of the major injurious insects and methods for control. *(Short Courses. Laboratory fee, $2.00. 2 class and 1 laboratory periods. No credit. Dickey.)*

301. General Pathology—A study of the principal causal agents that produce disease in plants. Diagnosis and treatment of plant diseases. *(Laboratory fee, $3.50. 2 class and 2 laboratory periods. 4 credits. Gray, Dickey, Creighton.)*

303. Diseases of Florida Crops—Practical methods of combatting fungus and bacterial diseases of Florida crops. Signs of infection, diagnosis, means of transmission and methods of control. A study of citrus, cotton, grape and certain vegetable diseases, etc. *(Prerequisite: Plant Pathology 301 or equivalent. Laboratory fee, $3.50. 1 class and 2 laboratory periods. 3 credits. Dickey, Gray.)*

304. Diseases of Florida Crops—A survey of the diseases of subtropical and ornamental plants with the introduction of certain vegetable diseases when available. *(Prerequisite: Plant Pathology 301 or equivalent. Laboratory fee, $3.50. 1 class and 2 laboratory periods. 3 credits. Dickey, Gray.)*

401-402. Laboratory Technique in Plant Pathology—Preparation of culture media, isolation, cultivation and physiological study of plant pathogenes; inoculation of host plants, relation to disease and the preparation of histological material. *(Laboratory fee, $5.00. 1 class and 3 laboratory periods. 8 credits, or more, to be arranged. Gray.)*

403-404. Mycology—Detailed study of fungi in reference to origin, systematic relationships, cytology and economic bearing on plant disease work. Collection and classification of local fungi. *(2 class and 1 laboratory periods. 6 credits. Gray.)*

501-502. Research—Course in special laboratory and field methods. For graduate students. *(Hours and credit to be arranged. Gray and Dickey.)*

503-504. Problems in Plant Pathology—Problems to be selected on approval of the instructor. Required of graduate students registered for degree in the department. *(Hours and credit to be arranged. Gray.)*

POLITICAL SCIENCE

(Administered under the Department of History and Political Science)

Professor Leake, Assistant Professor Tribolet, Instructor Glunt, Instructor Carleton.

101 (102). (a) American Government and Politics—A study of the structure and functions of our American national, state, local, and municipal governments.

(b) State and Municipal Government—An outline of the growth of American municipalities and a study of the organs and functional mechanism of modern cities of the United States and Europe. Emphasis is laid upon the newer tendencies in municipal government, including the commission form and city-manager plan. *(Prerequisite for all higher courses. 3 hours. 6 credits. Leake.)*

201 (202). (a) Comparative Government; (b) Government and Organization of Great Britain — *(3 hours. 6 credits.)* Given 1929-30.

203 (204). American State and Municipal Administration — *(3 hours. 3 credits.)* Given 1929-30.

205 (206). (a) Principles of Political Science; (b) World Politics and International Organization—*(3 hours. 3 credits.)* Given 1929-30.

301 (302). American Constitutional Law — *(3 hours. 3 credits. Leake.)* Given 1930-31.

303 (304). International Law—*(3 hours. 3 credits.)* Given 1929-30.

305 (306). Political Theories—*(3 hours. 3 credits.)* Given 1930-31.

POULTRY HUSBANDRY

Professor Sanborn

21. Poultry Essentials—Culling, feeding, housing, breeding, etc. *(Short Courses. Laboratory fee, $1.00. 2 class and 1 laboratory periods. No credit.)*

202. Farm Poultry—Poultry as a modest sideline on the farm. Breeds and varieties; location and construction of buildings; feeding and management; incubation, breeding, rearing, care of adult birds on the farm. *(Laboratory fee, $1.00. 2 class and 1 laboratory periods. 3 credits.)*

301. Commercial Poultry Keeping—Growing and maturing pullets, fall and winter eggs, feeding and care, houses and yards, showing and advertising. *(Laboratory fee, $2.00. 2 class and 1 laboratory periods. 3 credits.)*

302. Commercial Poultry Keeping—Incubation, breeding, rearing, spring and summer work, culling, farm grown feeds and poultry pastures, marketing. *(Laboratory fee, $2.00. 2 class and 1 laboratory periods. 3 credits.)*

401. Advanced Poultry Culture—Origin and study of breeds and varieties; score card and comparison judging; latest methods of selecting high and low producing hens; mating for producing breeders and winners; practice judging. *(Prerequisites: Poultry Husbandry 301 and 302. Laboratory fee, $1.00. 2 hours. 2 credits.)*

402. Poultry Management—Study of large farms, equipment of poultry plants, planning of various buildings, laying out and conducting poultry farms. *(Prerequisites: Poultry Husbandry 301 and 302. Laboratory fee, $1.00. 2 hours. 2 credits.)*

403. Project Problems—To be arranged with instructor. Egg hatching, investigations, poultry feeding, artificial lighting, chicken pox, etc. *(Prerequisites: Poultry Husbandry 301 and 302. 2 hours. 2 credits.)*

SOCIOLOGY

Professor Bristol, Instructor Carleton

102. Development of Social Institutions—The development of such social institutions as the family, private property, the state, morals, religion, education. *(3 hours. 3 credits. Bristol.)*

111-112. Introduction to Social Studies—An approach to the social sciences through biology and psychology; early man; landmarks in the history of civilization; problems of American citizenship. *(Required of freshmen in Teachers College not electing the Social Science Group. 2 hours. 4 credits. Bristol.)*

322. Rural Sociology—A broad survey of the field of rural life in its social aspects. *(3 hours. 3 credits. Bristol.)*

323. Social Pathology—A case method of approach to a study of social problems and approved methods of social action. *(Should be preceded by Sociology 102 and 301 or Sociology 111-112. 3 hours. 3 credits. Bristol.)*

324. Crime and Punishment—Nature and causes of crime; punishment, correction, prevention. Sociological aspects of criminal law and criminal procedure. Constructive proposals. *(Prerequisite: one of the preceding courses in Sociology or consent of instructor. 3 hours. 3 credits. Bristol.)*

332. Public Health—History of preventive medicine; personal hygiene; community hygiene; the recognition of the ordinary communicable diseases; sanitation; a constructive health program. *(2 hours. 2 credits. Lecturers provided by University of Florida, the State Board of Health and the Florida Public Health Association.)* Given alternate years.

341. Social Progress—Goals and tests of social progress. Factors in social progress. Suggested programs of social reform such as Communism, Anarchism, Socialism. Constructive proposals. *(3 hours. 3 credits. Bristol.)* Given alternate years.

424. Community Organization—Theory of community; process of community organization; formation of community ideals and cooperative activities. Formal organization of forces and agencies: health, business, philanthropic. The Community Chest Movement. *(2 hours. 2 credits. Bristol.)* Given alternate years.

441. Principles of Sociology—A brief study of the principles of social evolution, social organization, social control, and social progress. *(3 hours. 3 credits. Bristol.)*

443. Race Problems—Causes of race antagonism; racial inequality. History, causes and effects of immigration. The Negro problem.

(Prerequisite: One course in Sociology or consent of instructor. 3 hours. 3 credits. Bristol.) Given alternate years.

541-542. Seminar in Social Theory—For advanced students primarily graduates. *(One 2 hour period per week. 6 credits. Bristol.)*

571-572. Seminar in Social Research and Investigation—Students individually and in groups will be directed in the investigation of social and industrial conditions with reports and discussions. For graduate students majoring in Sociology. *(One two-hour period per week. 6 credits. Matherly, Bristol.)*

SPANISH AND GERMAN

(For courses in German, see page 185.)

Professor Crow, Associate Professor Hathaway, Instructor Hauptmann,* Instructor Johns, Instructor Kasten,* Instructor Magaro.

SPANISH

21 (22). Elementary Course—Pronunciation, grammar, dictation, acquisition of vocabulary, written exercises, and translation. *(3 hours. 6 credits.)*

101-102. Intermediate Course—Advanced grammar, composition, and translation. *(Prerequisite: Spanish 22 or equivalent. 3 hours. 6 credits.)*

201-202. Composition and Conversation—*(Prerequisite: Spanish 102 or equivalent and consent of Head of Department. 3 hours. 6 credits.)*

301-302. General Survey of Spanish Literature — A study of the history of Spanish literature supplemented by the reading of texts, emphasis being laid on the modern period. *(Prerequisite: Spanish 102 or equivalent. 2 hours. 4 or 6 credits.)*

303-304. General Survey of Spanish-American Literature—A study of the development of Spanish-American literature. Texts will be read to illustrate the various periods and nations. *(Prerequisite: Spanish 102 or equivalent. 2 hours. 4 or 6 credits.)*

401-402. Literature of the Golden Age—A study of the drama, novel, and poetry of the Golden Age in Spanish literature. *(Prerequisite: Spanish 302 or equivalent. 2 hours. 4 or 6 credits.)*

403-404. Old Spanish—A study of historical grammar and readings from old Spanish texts. *(Prerequisite: Consent of instructor. 2 hours. 4 credits.)*

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*Absent on leave 1928-1929.

VETERINARY SCIENCE

Professor Shealy

301. Farm Sanitation—Water; sources and impurities; food; air; ventilation; disposal of excreta; disposal of carcasses; disinfection; sanitation following infectious diseases; internal parasites and their control. *(2 hours. 2 credits.)*

302. Veterinary Elements—Elementary anatomy and physiology of the domestic animals; causes and symptoms of common diseases of animals; methods of prevention. *(Prerequisite: Animal Husbandry 102. For groups other than Animal Husbandry. 2 hours. 2 credits.)*

303 (304). Veterinary Anatomy and Physiology—The skeleton, articulations, muscles, circulation, respiration, digestion, absorption and the nervous system. *(Prerequisite: Animal Husbandry 102. Laboratory fee, $2.00 per semester. 2 class and 1 laboratory periods. 6 credits.)*

401. Animal Diseases—Causes, symptoms, treatment and methods of prevention of common diseases of farm animals. *(Prerequisites: Veterinary Science 302 or 303-304. 2 hours. 2 credits.)*

402. Poultry Diseases—Causes, symptoms, post mortem examinations, methods of prevention, and treatment for diseases of poultry. *(2 hours. 2 credits.)*

PART V

DEGREES CONFERRED 1928

DEGREES CONFERRED

MAY 29, 1928

Master of Arts

Richard S. Berrey
David Franklin McDowell
Charles Vernon Schoppe

Master of Arts in Education

Vedasto Zabala Munoz

Master of Science

John Mann Boyd
William Edward Flood
Mont Broderick Moore
Mamie Shaw*
Charles C. Swoope

Master of Science in Agriculture

Henry Trask Cowles

Master of Science in Business Administration

Edward Hutchings Anderson

Civil Engineer

Jomes Robert Moorehead
Alexander Angus Gillis
Joseph Neilson Watkins

Electrical Engineer

Nelson Drennan Cooper

Mechanical Engineer

John Capron Babson

Bachelor of Arts

Irwin Barnard Anderson*
Cecil Dupuis Beck
Louis Spencer Bonsteel
John Andre Bouvier, Jr.*
Chas. Henry Hardin Branch, Jr.
Monroe Campbell, Jr.
Thomas William Cantey*
Murray Golden Cohen
Wayne Byron Dale
Wilbur Y. Gary
Jerome Albert Gratigny
William Curry Harris*
William Logan Hill*
Merton Stuart Horrell
George Leighton LaFuze*
Richard Abbott Lawrence
John Camp Maultsby
Henry Harris Meador
Claude L. Murphree
Elwood Pillsbury Padgett
Joseph Hutton Russell
Berwyn Reed Spofford*
Cecil Asbury Thompson
Charles Weston Tucker, Jr.
Gardiner Warren Welch

Bachelor of Science

James Louden Borland
Leslie Collins
Joseph Otto Keezel
James Milton McClamroch
Roger Earle Phillips
Edgar James Smoak
George Walling Wilder
Harold Buckley Young

Bachelor of Science in Agriculture

John McDavid Cobb
Trusten Polk Drake, Jr.
Albert Gilchrist Driggers
Arthur Garner Erwin
Justo Jose Fabrega
Raymond Holt Howard
James Andrews Hudson
Reginald Max Jones
Lawrence John Larson*
Vedasto Zabala Munoz
Leonard Raymond Toy*
David Gasston Worth

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*Member Phi Kappa Phi, Honorary Fraternity.

Bachelor of Science in Civil Engineering

Paul McCreary Blair
Olen Campbell*
Archibald Lewis Clayton, Jr.*
Karl Daniel Henderly*
John Fleming Huddleston*
William Allen McLendon
Kenneth Wallace Prest
William Edward Swoope
Orren Lee Van Valkenburg*
Arthur Bingham Weissinger

Bachelor of Science in Electrical Engineering

Jesse Bryant Beasley
William David Cockrell*
Albert Clarke Dean
William Edelstein
Jett McLauren Jenkins
William Hughes Johnson*
James Gaylord Keck
Rex Eytong Lee*
Clifford Aukincloss Lyle
Frederick Ralph Sias
Joe Perry Windham
Frederick Ellis Wray

Bachelor of Science in Mechanical Engineering

William Harrison Easton
George Corwin Robertson
George Hoffman Smith

Bachelor of Science in Chemical Engineering

Walter John Sciutti*
Robert Charles Shimp

Juris Doctor

Yervant Harry Baghdoian*
Robert Edward Cope, Jr.
Merton Stuart Horrell*
J. Malcolm Johnson, Jr.
Ernest Edward Mason
Alma Spencer Slagle*
Olin Ethredge Watts, Jr.*

Bachelor of Laws

William Oliver Anderson
Fred Randolph Baisden
Norris Frederick Baskin
Chester Leigh Benedict, Jr.
Frank Dean Boggs
Everett Hill Butler
William Marvin Clifton
John Lincoln Cogdill
William Joseph DeHoff
Carroll Fontaine Dewees
Frank Britt Dowling*
Borden McLeod Dyer
Julian Earle Fant
John Melvin Hearn
Benjamin Edgar Hendricks
William Franklin Hobbs
Francis Gresham Janes, Jr.
Wilbur Donald Jobe
Birkett Fry Jordan
Ronald Arthur Julian
Edmund Alexander Lake
Emanuel Millman
John A. Henderson Murphree
Richard Morris Naylor
William Cook Norvell, Jr.
Francis Cooper Pelot
Bonny Kaslo Roberts
Marcus Aurel Rosin
Sam Wallace Russ
Byron Tewilliger Sauls
Harold Leon Sebring
William Wallace Shafer
Foster Shi Smith
Cyrus Hamlin Smithdeal, Jr.
Ignatius C. Spoto
Hugh Monroe Sutton, Jr.
Marion Huguenin West*
Conrad Joseph Weirsteiner
William Sidney Wilson, Jr.
Richard Starkey Woodruff
Lewis Thomas Wray

Bachelor of Arts in Education

Jasper Newton Copeland
Lonnie Lee Dugger
Wallace Clarence Durham
William Walter Flournoy
Arthur Sylvester Green*
Lawrence Tracy Harrington
Herbert Joseph Leuthner
Arvel Lewis Morgan*
Leland Wills Moon
Jennings Alligood Rehwinkel*
James Willard Trammel
Hiram Allen Whitton
Angelo David Williams

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Bachelor of Science in Education

Alexanler Hamilton Brodmerkel
Earl Clay Clevenger*
Oscar Leon Durrance
Ross Everett Jeffries
James Emery Smith
Mode Lee Stone

Bachelor of Science in Pharmacy

Bertram D. Walton

Bachelor of Science in Business Administration

Merle Oliver Barnd
Reginald Guy Cassady
Joseph Ashley Cawthon
Charles B. Davidson, Jr.
John Robert Dillon, Jr.
Kenneth Greig Haggart
Richard Moir Hutchings
Walter Herbert Jackson*
Lewis Allen Lancaster*
Robert Powell Majors
Hugh McCall
Thomas Franklin Newman, Jr.*
Alden C. Smith
Benjamin Franklin Ridenour
Fred Curtis Ward*

Bachelor of Science in Journalism

William Jerrold Bulloch
Malcolm LaMar Fordham
Paul Rutherford Robertson

Bachelor of Science in Social Administration

Eleanor Rowena Marchman

CERTIFICATES CONFERRED

Normal Diploma

Carl Parmely Arant
Clarence Jessee Bowman
Mason Wayne Morrow
Carey Ellis Swinington

Pharmaceutical Chemist

Gordon Alonzo Baker
Jonathen A. Black
Richard Harry DeBoer
Chancey George Hamilton
Joseph Huske Pearce*
Erwin M. Seay
Richard Harrison Swaine
Marcus D. Waldron

Graduate in Pharmacy

Frank I. Zumwalt

RESERVE CORPS COMMISSIONS

Second Lieutenant Infantry

Abernathy, James Greenwood, Jr.
Anderson, Irwin Barnard
Arnett, William Tobias
Bell, Walter Blaisdell
Blair, Paul McCreary
Brooks, Roy Ray
Brown, Newton Walker
Brown, Robert Hamilton, Jr.
Cawthon, Joseph Ashley
Cox, Arthur Slater
Curtis, Fred
Davidson, Charles Borum, Jr.
Dillon, John Robert, Jr.
Ferris, Bernhardt Lee
Fuller, Thomas
Gravely, Louis Overton, Jr.
Green, Carl Roger
Green, George Marvin
Hunnicutt, Milton Reese, Jr.
Jordan, William Douglas
Lawrence, Richard Abbott
Leszczynski, Roman Casimer
Majors, Robert Powell
Miller, Robert Thomas
Mizell, Bascom Fernando
Mizell, John Keener
Morgan, Arvel Lewis
O'Donald, Edward Todd
Ridenour, Benjamin Franklin
Smoak, Edgar James
Walker, Ion Sessions
Walton, Bertran David
Ward, Fred Curtis
Wilder, George Walling
Windham, Joseph Perry
Wray, Frederick Ellis

*Member Phi Kappa Phi, Honorary Fraternity.

CERTIFICATES IN LIEU OF COMMISSIONS

Bullock, William Jerrold
Denham, George Leitner
Grenelle, Edwin William
Hughes, Robert Lawrence, Jr.
Matthews, Donald Ray
Ramsey, Allan Collier
Sims, William Harris, Jr.
Smith, George Hoffman
Watrous, Thomas Monroe
Welles, Gurdon Henry

SUMMER SCHOOL COMMENCEMENT

DEGREES CONFERRED

SUMMER SCHOOL 1928

MASTER OF ARTS

Allen Thornton Craig
Angus McKenzie Laird
Alton Chester Morris

MASTER OF ARTS IN EDUCATION

Ellis Moore

MASTER OF SCIENCE

Donald Carr Booth
Roy Lewis Cunningham
Wendell Creager Setzer

MASTER OF SCIENCE IN BUSINESS ADMINISTRATION

William Trotter Hicks

BACHELOR OF SCIENCE

*Edward Thorpe Boardman
Leon Fitzpatrick Fernald

BACHELOR OF SCIENCE IN AGRICULTURE

Frederick Ernest Baetzman
Charles Ralph Dawson
Herbert Graham Guy
Rex Foster Toole

BACHELOR OF LAWS

Richard William Ervin
William Burch Fudger
Joseph Maria Gomez
*William Stanley Hitchcock
Thomas Marshall
Harry Irwin Young

BACHELOR OF ARTS IN EDUCATION

*George Arbic
*John Russell Clayton Cawthon
Carl Henly Harris
Sarah Satterwhite Harris
Frank Samuel Hudnall
*Albert Louis Isaac
Thomas Hill Langston
Carolyn Harris Meadows
William Homer Potter
Amandus Reithmeier
Wilfred Simmons
Wilma Simmons
Sister Anna Maria
*Annie Belle Stewart
Lida Tulane
Andrew Jackson G. Wells
*William Simpson Weaver

*Member Phi Kappa Phi, Honorary Fraternity.

Bachelor of Science in Education

Dan Pouncey Folsom
John Christian Leps
Memory Martin
Horace Edgar Richey

Bachelor of Science in Business Administration

Henry Frater
Metzgar Elroy Josey
Charles Jason Lovvorn
Bascom Fernando Mizell
*Henry Peel

Normal Diploma

Thomas Asson
Dorothy Mary Beaver
Adelia Johnson Blacklock
Ida Gertrude Canney
Alice Love Church
Fannie Cumming
Annie Elizabeth DaCosta
William Thomas Edwards
Hettie Redford Harwell
Kate Miles Hemphill
Jay Derieux Hobbs
Clara Belle Ledbetter
Broward Napoleon Lovell
Jacob Henderson Marshburn, Jr.
Robert Thomas Miller
Irene Elizabeth Morris
Harold Wilbur Myers
Lavinia B. Peterson
Daisie Poole
Edward Right Poppell
Anna Laura Read
Ashley Roche Russ
Sarah Harrison Semmes
Flora Eveline Walter
Bureon Kylus Wheeler
Rosa Belle White
Emma Dyer Wicker

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PHI KAPPA PHI HONOR SOCIETY

OFFICERS 1928-1929

A. P. Black.....President
J. W. Norman.....Vice-President
B. W. Ames.....Secretary
Cora Miltimore.....Treasurer
C. L. Crow.....Historian

ELECTED DURING THE SUMMER SESSION 1928

Carie-Benie Boyd	E. T. Boardman	Henry Peel
John R. Cawthon	W. S. Hitchcock	Annie Belle Stewart
George Arbic	Albert L. Isaac	W. S. Weaver

UNDERGRADUATES ELECTED 1928-29

Arts and Sciences

L. R. Bristol	Ben Perloff	J. A. Connor
Fred D. Ayers	Barkley Rosser	J. V. McQuitty
J. Webster Merritt		

Agriculture

J. E. McIntyre	M. R. Bedsole	J. E. Sawyer

Engineering

C. E. Mines	P. C. Crapps	A. W. Payne
A. E. Hills	W. T. Arnett	N. A. Skeels
R. H. Brown		I. H. Smith

Law

M. M. Kendall	J. L. Graham	Sam Silverman
A. D. Brown	J. M. Atwater, Jr.	Marcus Edelstein
N. J. Roberts		O. S. Thacker

Teachers

F. M. DeGaetani	L. A. Guessez	Samuel Eff
L. N. Henderson	C. J. Bowman	J. L. Scotten

Commerce and Journalism

J. R. Graves	P. C. Scaglione	C. T. Parsons
J. D. Copeland	H. Frazier	W. L. Wilder

ORATORICAL HONORS
1928

Freshman-Sophomore Declamation Contest.....Alvin Dearing
Junior Oratorical Contest.....Benjamin Thornal
Senior Oratorical Contest.....George H. Smith

STUDENT ROLL, 1928-29

The classification of students is indicated by the following abbreviations: AB or BS—College of Arts and Sciences; Ag—College of Agriculture; BA—College of Commerce; ChE—Chemical Engineering; CE—Civil Engineering; J—Journalism; E—College of Engineering; EE—Electrical Engineering; A—Architecture; G—Graduate School; L—College of Law; ME—Mechanical Engineering; P—College of Pharmacy; PM—Pre Medical; T—Teachers College; 1, 2, 3, 4—First, Second, Third and Fourth years, respectively; 5—Adult Special Students.

Name and Classification	*Address*
Abbott, Charles Elliott, G	Gainesville
Abernathy, James Greenwood, L 4	—Ft. Lauderdale
Adams, Charles Raymond, BS 1	Hastings
Adams, Clarence Edgar, AB 2	Warner, N. H.
Adams, Gordon Stewart, J 3	Gainesville
Adams, Jean Stacey, E 1; BS 1	Sanford
Adams, John Franklin, EE 2	Jacksonville
Adams, John Quincy, Ag 1	Crystal River
Adams, LeRoy, PM 1	Jasper
Adams, Mark Elbert, BS 3	Jacksonville
Adams, Robert, T 1	Jacksonville
Adams, Samuel Hugh, P 1	Freeport
Addison, Joe, G., PM 1	Punta Gorda
Adelson, David, BS 1	Tampa
Agerton, Thomas Bush, AB 1	Auburndale
Ahmann, Chester Frederick, G	Gainesville
Ahrano, Jean Pierre, BA 2	Tampa
Aikin, Horace Dean, L 4	St. Petersburg
Aikin, Winton James, E 1	Toledo, Ohio
Airth, Alfred Thomas, L 3	Live Oak
Airth, George Edward, L 4	Live Oak
Akin, Elisha Gunter, AB 2	Dade City
Akridge, William Greenberry, L 3	Cocoa
Albritton, Robert Bruce, P 1	Mulberry
Alchediak, Mike Karam, EE 2	Tampa
Alexander, Robert Kenneth, BA 1	Tampa
Alexander, Thomas, L 1	Tampa
Alexander, Thomas Ley, BS 2	Tampa
Allan, Addison Lazear, J 2	Jacksonville
Allen, Chester Robinson, T 4	Auburndale
Allen, John Edward, L 5	Tampa
Allen, J. W., BS 3	Manatee
Allen, Ralph Fred, BA 1; BS 1	Milton
Allen, Theodore, PM 2	Manatee
Alonzo, Wesley Jenkins, P 1	Gainesville
Alvarez, Lawrence, T 1	Jacksonville
Ames, Burton Weber, G	Loughman
Amos, John Ernest, BA 3	Tallahassee
Amrein, Werner Charles Ernest, E 3	—St. Petersburg
Anchors, Garner Beauford, AB 1	Niceville
Anderson, Arthur Lochridge, L 1	Tampa
Anderson, Charles B., L 4	Tampa
Anderson, Frank Cellon, BA 1	Bradenton
Anderson, Frank Marvin, BS 4	Orlando
Anderson, Frank Newton, BS 2	Gainesville
Anderson, Hans Olaf, Ag 2	Pierson
Anderson, Hugh B., BS 1	Ft. Meade
Anderson, Oliver Wendell, Ag 1	Dade City
Anderson, Richard Aubrey, BS 1	—Crystal River
Anderson, Thomas Edward, BA 2	—Jacksonville
Anderson, William Farris, L 1	Orlando
Andreas, Robert Alan, AB 2	—New Phila., Ohio
Andrews, Charles Forrest, BA 1	Gainesville
Andrews, Charles Lester, T 3	Darlington
Andrews, John McCall, AB 1	Jacksonville
Angle, Allie Bayard, PM 2	St. Petersburg
Anglin, Edgar Edward, T 2	Bunnell
Anthony, Henry Duncan, BA 3	Jacksonville
Anthony, James Rembert, BA 2	—Jacksonville
Arango, Joseph Lawrence, T 1	Tampa
Archibald, Robert Burns, BA 2	Jacksonville
Armistead, Austin Bernice, BS 1	—Laurel Hill

Name and Classification	*Address*
Armstrong, Leo Henry, CE 2	Manatee
Arnett, William Tobias, A 4	Clermont
Arnold, Laurie James, T 2	Lake City
Arnow, Carlton Columbus, L 1	Hawthorne
Arnow, Leslie Earle, P 3	Gainesville
Arnow, Robert E., CE 2	Hawthorne
Arnow, Winston Eugene, AB 2	Gainesville
Arrington, Briggs, T 2	Sanford
Ash, Albert Lynn, AB 1	Tarpon Springs
Ashkenazy, Irving, J 1	Tallahassee
Ashmead, Forrest Graham, BA 4	—Jacksonville
Ashmore, Freeman Winton, BS 3	—Gainesville
Ashmore, Wayne Verriel, BA 2	Gainesville
Atkins, George Wesley, L 1	Blountstown
Atkinson, Meldrum Williams, T 1	—Panama City
Atwater, James M., L 4	—Burlington, N. C.
Augat, John G., BS 1	Attleboro, Mass.
Ausley, Charles Saxon, L 3	Tallahassee
Austin, Archie Boyd, G	Wingo, Ky.
Austin, Elmer Dale, T 1	Umatilla
Austin, Hugh Stewart, AB 4	Orlando
Austin, Marion Fontain, Ag 1	Leesburg
Auvil, Colon Sealey, AB 2	Dade City
Axtell, Reginald Randall, L 1	Jacksonville
Ayers, Fred Donald, BS 4	Gainesville
Ayres, Willard Wood, T 1	Miami
Babcock, Claude Guthrie, BA 2	Key West
Babloozian, Levon Megrditch, BS 1	—Gainesville
Bachlott, Maurice Randolph, ME 4	—Gainesville
Baer, Allan Oliver, BA 2	Lakeland
Baggott, Charles Edward, G	Plant City
Baggs, David Frederick, P 2	Tallahassee
Bailey, Kenneth G., BS 1	Hastings
Bailey, Wilfred George, L 3	Port Richey
Baker, Donald Felter, Ag 4	Coral Gables
Baker, Ira Lee, T 1	Delray Beach
Baker, Robert Britton, E 1	Hawthorne
Baketel, Sherman Tenney, PM 2	—Mathuen, Mass.
Baldwin, Donald Morrison, PM 2	—Jacksonville
Baldwin, Hildreth Clarence, AB 2	—Tampa
Baldwin, James Clinton, BS 1	Chipley
Baldwin, Lloyd, BS 3	Miami
Bancroft, Winthrop, L 4	Gainesville
Bannerman, Robert Charles, CE 2	—Tallahassee
Baque, Frank, BA 1	Miami
Barber, Merrill Phillip, AB 1	Vero Beach
Barber, Walter Lanier, T 1	Sanford
Barcus, Harry, BS 1	Leesburg
Barker, Albert Edward, AB 2	Jacksonville
Barker, Howard, T 2	Ft. Meade
Barker, John Shearer, T 2	Gainesville
Barker, Quentin Hansen, BA 1	Wildwood
Barnes, Charles Olin, G	Plant City
Barnett, Lucian Phillips, BS 1	Gainesville
Barnhill, William Benjamin, Ag 5	—Gainesville
Barnum, John Merton, AB 1	Miami

Name and Classification	Address
Barrineau, James Archibald, Ag 2	Gonzalez
Barrow, David Crenshaw, BS 1	DeSota City
Barrow, Jospeh Reneay, Ag 2	Arcadia
Barshell, Frederick Herbert, T 2	Avon Park
Bartleson, Warren K., E 2	Lake Wales
Bartlett, Stuart Ellis, Ag 2	Vero Beach
Bashaw, William Niles, AB 3	Gainesville
Bass, Clayton Claude, L 1	Live Oak
Bass, Joe, BA 3	Tampa
Bass, Tobe Ackies, Ag 2	St. Cloud
Bassett, Henry D., T 2	Tampa
Bassett, Lloyd Ross, E 3	St. Petersburg
Batchelor, Donald Laveen, BS 1	—Homestead
Bateman, Robert Edward, Ag 4	Wauchula
Bates, Mortimer Boler, BA 2	Quincy
Bauer, Albert Frederick, Ag 3	Groveland
Bauer, George Frederick, Ag 1	Warrington
Baumgartner, Dorst Frederick, BA 4	Sarasota
Baur, William Hugh, PM 1	Quincy
Bayly, Cyril, A 4	Gainesville
Baynard, Henry Swinton, L 4	St. Petersburg
Beach, George M., PM 1	Hastings
Beachem, Joseph William, CE 3	—Anastasia Island
Beardsley, Edward Henry, BA 4	Jacksonville
Beasley, Clarence White, T 1	Gainesville
Beasley, Ivy E., T 2	Umatilla
Beasley, Robert G., EE 3	Umatilla
Becker, Harold Melvin, PM 2	—Las Animas, Colo.
Beckwith, Donald William, ME 4	—Jacksonville
Bedsole, Malcolm Roy, Ag 4	Graceville
Beggs, Elmer Dixie, AB 3	Pensacola
Beldner, Leonard Kelman, T 1	Miami
Bell, Charles Edward, G	Gainesville
Bell, Fred Vincent, AB 1	Atlanta, Ga.
Bell, Stuart Craig, Ag 1	Barberville
Bell, Tom Devereaux, E 1	Arcadia
Bell, Walter Blaisdell, BA 2	—Daytona Beach
Bendle, Harold Wright, BA 1	Miami
Benjamin, Morris, BA 2	Sanford
Bennett, Breece Erin, BS 1	Oak Hill
Bennett, Charles Edward, BS 1	Tampa
Bennett, Harold Phillip, PM 1	—St. Petersburg
Bennett, Joel Willard, A 5	—Charlotte Harbor
Bennett, Robert Broadhurst, ChE 2	Tampa
Bennett, Stanley LeRoy L 4	—Prospect Plains, N. Y.
Benson, Robert Thomas, T 4	Manatee
Benton, Felix, A 2	Tampa
Bergert, John Frederick, BA 3	Loughman
Berlack, Laurence Harold, BA 2	—Jacksonville
Berner, Leander W., ME 2	Sanford
Berry, Flournoy James, BA 2; BS 1	—Pierce
Berryhill, Thomas Oscar, L 1	—Ft. Lauderdale
Bethea, Lee Roy, T 2	Gainesville
Bevan, Jospeh, AB 2	Madison
Bevington, Myron Thomas, T 2	—Lake Worth
Biggers, Willard Brady, BS 1	Miami
Billingham, Frank Edwin, BA 1	—Winter Park
Bir, George P., BA 1	Huntington, Ind.
Bisant, Oscar Melville, BS 3	Jacksonville
Bishop, Donald Emery, AB 3	Gainesville
Bishop, Homer Gould, Ag 5	Oshkosh, Wis.
Bishop, Howard Wayne, L 4	Gainesville
Bishop, Wilbur, PM 2	Gainesville
Black, Arthur Keith, L 4	Gainesville
Black, Kermit Kellog, L 1	Tampa
Black, Kermit Lamar, BA 3	Minneola
Black, Lassie Goodbread, Ag 2	Lake City

Name and Classification	Address
Blackwell, Jacob Beck, BS 2	Panama City
Blair, Luther C, ChE 2	Orlando
Blair, William Stuart, BA 2	Clearwater
Blalock, Lewis F., BA 3	Ocala
Blalock, Maury Jelks, T 2	Madison
Blalock, Thomas Lewis, AB 2	Jacksonville
Blanck, Bernard G., BA 3	Miami
Blanton, Franklin Sylvester, Ag 4	—Atmore, Ala.
Blanton, Lane, T 1	Wauchula
Blasingame, Powell Newton, CE 4	—Gainesville
Blocker, William Michel, A 2	Tampa
Blow, John Nichols, BA 2	Montgomery, Ala.
Bludworth, William Howard, BS 1	Argyle
Blue, William Floyd, T 1	Perry
Boales, Maxwell Lee, BA 2	Daytona Beach
Boardman, Edward Thorp, G	Gainesville
Bogan, Leslie E., BA 4	Pensacola
Bogart, John Allen Calhoun, CE 2	—Fernandina
Bogle, James Huff, BA 2	Sebring
Boley, Robert Clyde, T 2	Tampa
Bolton, Charles Houston, BS 1	Palm Beach
Bond, William Bours, L 1	Jacksonville
Bondi. Joe Charles, PM 2	Tampa
Bono, Louis J., T 2	Jacksonville
Bonsteel, Louis Spencer, L 3	Gainesville
Boone, Archie Altman, A 4	Gainesville
Boone, Jarrett Potter, AB 1	Miami
Boote, Joseph Owen, BA 3	Jacksonville
Booth, Clyde W., E 5	Sanford
Boozer, Elwin Claude, L 4	W. Palm Beach
Borders, Huey Ingles, Ag 4	Jacksonville
Bostick, John Nathaniel, PM 2	Gainesville
Bostwick, Robert Sturgeon, E 1	Jacksonville
Bostwick, Thomas, E 1	Jacksonville
Botts, Ralph Rudolph, E 1; BA 1	Tampa
Boudet, Marcel Anselme, Ag 1	Lake Worth
Bouvier, John André, L 4	Gainesville
Bowen, Elton Lee, BA 2	Chipley
Bowen, Maynard Lea, G	—Albuquerque, N. Mexico
Bowersox, William, T 1	Cottage Hill
Bowman, Clarence James, T 4	Wauchula
Bowyer, Ernest Jerome, T 3	Gainesville
Boyce, William Hazen, E 1	Sebring
Boyd, Crowther Mann, BA 2	Jacksonville
Boyd, James Cody, BA 4	Tavares
Boyd, John William, BA 1; BS 1	—Ft. Lauderdale
Boyd, Randolph Wilson, T 3	Jacksonville
Boyd, Robert William, BA 3	Orlando
Boyd, William Daniel, G	Jacksonville
Boyd, William Wallace, EE 3	Clermont
Boyette, James Ancil, T 1	Lake Wales
Boyts, Joseph Eugene, BA 3	Gainesville
Bradford, A. Lee, L 4	Miami
Bradshaw, Donald Gregory, ChE 2; BA 1	—Lake Jovita
Brady, Robert Converse, Ag 1	Titusville
Branch, Garland Marion, T 3	Plant City
Brand, Fred Perkins, BS 1	Clermont
Brandon, Clarence William, AB 2	Groveland
Brandon, J. Davis, EE 2	Brandon
Brandt, Edward Frederick, L 3	Gainesville
Brannon, William Brantley, L 1	Lake City
Brant, Ishmael Winfred, T 1	Oklawaha
Brantley, James Worth, PM 1	Grandin
Brantley, Thomas Bruce, BA 1	Ft. Pierce
Brasfield, Herbert, AB 1	Clearwater
Braswell, Thomas Mills, T 1	Monticello
Bratley, Forrest Groves, BS 4	Miami
Brenan, George Francis, BA 1	Orlando
Brennan, Philip Kenneth, BS 1	Delray Beach
Brick, Edward J., BS 2	Marianna
Bridges, Thomas William, BA 1	—Chattanooga, Tenn.

Name and Classification	Address
Brinkley, Harry John, Ag 1	Jacksonville
Bristol, Loris R., AB 4	Gainesville
Brockman, Alfred Eugene, AB 2 —St.	Petersburg
Brogdon, Wright Martin, L 1	Miami
Brooker, Layton Robert, BA 3	Tampa
Brooks, Richard Lee, Ag 1	Montreal, Quebec
Brooks, Robert Luther, Ag 1	Montbrook
Brooks, Roy Ray, L 3	Tampa
Brothers, Shelby Lee, Ag 2	Reddick
Brough, Ronald Claude, BA 1; T 1 —Jacksonville	
Browder, David, AB 2; T 2	Leesburg
Brown, A. Dana, L 4	St. Petersburg
Brown, Arthur Dunning, AB 2	Tampa
Brown, Broadus Cato, EE 2	Gainesville
Brown, Charles Albert, T 1	Jacksonville
Brown, Clyde Ree, L 1	W. Palm Beach
Brown, George Rodney, J 5	Daytona Beach
Brown, Harvey Drennen, T 1	Leesburg
Brown, Marvin Augustus, BS 1 —Manchester, N. H.	
Brown, Newton Walker, CE 3 —W. Palm	Beach
Brown, Merritt, T 1	Panama City
Brown, Oren, Ag 1	Kissimmee
Brown, Robert Hamilton, A 4	Bartow
Brown, Sheldon Webb, AB 2	Palatka
Brown, William Franklin, L 1	Miami
Brownett, Francis Harold, A 1	Jacksonville
Browning, John O'Donnell, T 3	Miami
Browning, Louis Park, E 1	Gainesville
Brumbaugh, Carl Lowry, T 4	Gainesville
Brumley, Frank Warren, G	Gainesville
Bruner, Gerald James, T 1	Stuart
Brunk, Lloyd Sandy, Ag 3	Sebring
Bruton, James DeWitt, L 1	Plant City
Bryan, Johnson Hamlin, L 4	Jacksonville
Bryan, Perry N., T 3	Ft. Lauderdale
Bryan, Thomas Barnes, CE 3	Greenwood
Bryan, William Allan, L 4	Charlotte, N. C.
Bryant, Bronson Worthington, T 5 —Gainesville	
Bryson, John Angus, T 2	Jacksonville
Buck, K. V., L 3	Miami
Buckley, John Albert, T 2	St. Petersburg
Buckley, Thomas Hartwell, J 1	Miami
Budington, Julian Paul, BA 2	Daytona
Buel, Clark Harry, CE 3	St. Augustine
Buel, Ernest McClung, BS 1	Jacksonville
Buie, George Archie, L 4	Lake City
Bull, John Francis, L 1	Gainesville
Bullard, William J., BA 3	Gainesville
Bullock, Roy Leighton, PM 1	Graceville
Burch, Earl, BS 1	Palmetto
Burch, Ernest William, L 3	Ocala
Burger, Alfred Grant, PM 1	Jacksonville
Burke, William Henry, J 3	Gainesville
Burnett, William, Ag 1	Bradenton
Burns, Paul McKinnon, PM 2	Graceville
Burr, Raymond O., L 4	Gainesville
Burton, Louise Screven, Ag 3	Leesburg
Burton, Walter Garland, E 1	Jacksonville
Burton, William Mosby, BS 3	Madison
Butler, Byron Neel, L 1	Chipley
Butler, Dantzler Albert, T 2	Daytona
Butler, Mark D., BS 4	Miami
Butler, Robert Dopson, BS 1	Sneads
Butler, Valery Dekle, BA 1	Chipley
Butt, Thomas Cecil, PM 2	Orlando
Butts, John L., G	Artesia, Miss.
Byrd, William Boardman, J 3	Hollywood
Byrnes, Robert Edward, BA 2	Jacksonville
Cain, Thomas Leonard, Ag 3 —St. Simons	Island, Ga.
Caldwell, John Erwin, ME 3	DeLand
Caldwell, William Earl, T 3	Jacksonville

Name and Classification	Address
Calhoun, Paul White, BS 3	Madison
Calmes, Glenn B., BA 2	Daytona Beach
Calvert, Donald Ellwood, L 3	Hamilton, Pa.
Calvin, William John, BS 1	Eustis
Camp, Clarence, T 1	Ocala
Camp, Henry Nurney, L 3	Ocala
Camp, John Perlin, G	Gainesville
Campas, Joseph John, BA 4	Ft. Meade
Campbell, Byron Fred, L 3	Hilliard
Campbell, James Theodore, T 1	Zephyrhills
Campbell, Jean Ingram, E 1	Ft. Pierce
Campbell, Vernon George, CE 3	Tampa
Campbell, Wilbur Ray, AB 1	Orlando
Campbell, William Lambert, P 1	Kissimmee
Campo, John Recca, P 2	Stamford, Conn.
Cannon, Frank, L 4	Falmouth
Cantey, Francis Fleming, BA 1	Madison
Caplan, Salem David, E 5	Miami Beach
Caraballo, Julian Evans, E 1	Tampa
Caraballo, Martin, AB 2	Tampa
Carbonell, Fred Segundo, PM 1	Key West
Carleton, William Graves, L 3 —Evansville,	Ind.
Carlisle, Charles Stanley, BS 1	Jacksonville
Carlton, Doyle Ivan, AB 2	Ft. Meade
Carlton, Ernest Odell, BS 1; T 1	Wauchula
Carlton, Marby A., L 3	Gainesville
Carlton, Thad H., L 3	Ft. Pierce
Carlton, Winston Broaddus, T 1	Wauchula
Carmichael, Parks Mason, L 1	Gainesville
Carmichael, Scobey Kustin, Ag 1 —W. Palm	Beach
Carney, Jimmie I., PM 1	Bradenton
Carraher, John Joseph, L 1	St. Petersburg
Carranza, Manuel Sama, P 3	Tampa
Carraway, Andrew McGilbrey, BS 2	Sanford
Carson, Robert Paul, BA 2	Jacksonville
Carter, Henry Hensford, AB 2	Reddick
Carter, Ira J., PM 1	Newberry
Carter, Jerry William, T 1	Tallahassee
Carter, Joseph Martin, P 2	Ehren
Carter, Julian Maxwell, PM 1	Hastings
Carter, Ralph Edward, T 3	Hialeah
Carter, Ray Andrew, AB 1	Jacksonville
Carter, William Fletcher, BS 1	Lakeland
Cartwright, Morgan Rouse, AB 1	Stuart
Caruthers, Robert Mays, Ag 1	Orlando
Carvalho, Joaquin Ferreira, Ag 5 —De Setembio Paraizopolos,	Minas, Brazil
Casebier, H. N., L 4	Gainesville
Cason, Roy Sloan, L 1	Delray Beach
Cate, Wilbur Seymour, P 3	Gainesville
Cauthen, James Edwin, BS 1	Leesburg
Cauthen, Robert Irwin, BS 1	Leesburg
Cawthon, Rainey, T 3	Tallahassee
Chace, Thomas Stephen, L 1	Tampa
Chadwich, Ralph Willis, BS 2	Punta Gorda
Chambers, Harley P., T 1	Plant City
Chambliss, James Walter, L 4	Tampa
Chambliss, Robert Flake, E 1	Tampa
Chaplin, Charles F., BA 2	Miami
Chapman, John W., CE 2	Winter Garden
Charles, William Wilkins, AB 1	Ortega
Chase, John Frank, BA 3	St. Petersburg
Chatham, Joshua David, J 3	DeLand
Cheatham, Benjamin Ballard, BS 2 —Jacksonville	
Chewning, George Chandler, CE 2	Gainesville
Childers, Ronald Wayne, E 1	Port St. Joe
Childs, Lawrence David, L 3	St. Petersburg
Chilson, Francis A., BS 1	Bradenton
Chilson, Lee Dake, BS 3	Bradenton
Chipley, Edmund Lee, ChE 3	Bokeelia
Chittenden, Simeon Dudley, CE 4	Tallahassee
Chittenden, William Rawls, EE 2	Tallahassee
Church, Al Convers, CE 2	Gainesville
Church, Daniel Duncan, J 2	Gainesville
Ciaravella, James M., T 1; PM 1	Tampa

Name and Classification	Address
Clark, Charles Cuthbert, BS 1	Plant City
Clark, Charles L, L 1	Blountstown
Clark, Frank Wellington, BA 2; T 2	—Titusville
Clark, Harry Albright, BA 1	Mt. Dora
Clark, James Eugene, E 1	St. Petersburg
Clark, John Dexter, Jr., E 1	Bartow
Clark, Judson Douglas, T 1	Mt. Pleasant
Clark, Perry Dudley, BA 3	Pensacola
Clark, Vernon Wilmot, T 1	Bradenton
Clark, Walton Bryant, BA 2	Bartow
Clarke, Edwin Meredith, T 2	Gainesville
Clarke, William Lee, A 5	Tallahassee
Clarke, William Richard, ChE 3	Orlando
Clarkson, Harry Beecher, E 1; BA 1	Ocala
Clayton, Archibald Lewis, G	Jacksonville
Cleare, Allan Bruce, L 4	Key West
Clemons, Justin, T 3	Plant City
Clemons, Walter Nickolson, T 2	Tallahassee
Cleveland, Wilburn Augustine, L 4	—Jacksonville
Click, Gustavo Neri, BS 3	Pensacola
Clifton, Malcolm Merrill, BS 1	Evanston, Ill.
Close, Bass, BS 1	Wauchula
Clyatt, Pete, PM 1	Lakeland
Clymore, William Vane, J 1	Gainesville
Coates, Edward, BS 1	Tampa
Coates, James Greene, AB 1	Ft. Pierce
Cobb, William Alfred, L 1	Gainesville
Cockrell, Robert Spratt, AB 3	Gainesville
Cody, James Alden, BA 2	Penny Farms
Cofran, Everett Smith, G	Gainesville
Cohen, Edward Jacob, E 1	Jacksonville
Cohen, Reid Augustus, AB 2	Tampa
Coker, John Alexander, Ag 1	—Birmingham, Ala.
Cole, Manly Alvin, BS 3	Tampa
Cole, Robert Bates, AB 1	Orlando
Coleman, Burnis Theo, L 3	Lacoochee
Coleman, John Melton, G	Eupora, Miss.
Collier, Erwin Tilden, CE 4	Wauchula
Collin, Fredric James, CE 4	Miami
Collins, Cecil Farnez, BA 3	Lake City
Collins, James Harry, T 1	Miami
Collins, Thomas Edward, E 1; T 1	Bartow
Colson, King David, AB 2	Jacksonville
Combs, John Bert, BS 1; E 1	Deerfield
Comer, Charles McCalla, BA 3	Ft. Meade
Cone, Fred M., T 1	Gainesville
Cone, Roy Davis, E 5	Jacksonville
Conkling, Donald Herbert, J 1	—W. Palm Beach
Conlan, Frank Lowell, BA 1	Miami
Connable, Horace Peck, Ag 5	—Kalamazoo, Mich.
Connolly, William Clifton, T 1	Gainesville
Connor, Henry, L 1	Inverness
Connor, Jerome Alton, AB 4	Pensacola
Connor, Warren William, L 3	Pensacola
Conway, Claude L., BS 3	Palatka
Coogler, Monroe Alvin, L 3	Brooksville
Cook, David C., AB 2	La Belle
Cook, Frederick Edward, AB 3	Ocala
Coomes, Charles Spalding, E 1	—St. Augustine
Cooper, John Francis, G	Echola, Ala.
Cooperman, Leonard William, L 1	—St. Petersburg
Copeland, Anderson Webb, E 1	Tampa
Copeland, James Dewberry, BA 4	Gainesville
Copening, Howard C., T 1	Gainesville
Corbett, Deloren Dempsey, L 1	St. Augustine
Cordell, James Edward, E 1	Jacksonville
Cordell, John Robert, A 1	Arlington
Corr, Alys May, T 4	Gainesville
Corrigan, Francis Hughes, Ag 5	Sarasota
Corwin, Sam Joel, Ag 2	Palmetto
Couch, Lester Grey, T 1	Plant City

Name and Classification	Address
Coulter, George Shrader, AB 2	Jacksonville
Cowart, Walter James, BA 4	Gainesville
Cox, Allyn B., BA 2	Hollywood
Cox, Arthur Slater, CE 4	Palmetto
Cox, Guy, G	Woodruff, S. C.
Cox, James Calhoun, Ag 1	Lake Alfred
Cox, Mercer, AB 4; T 4	Wausau
Cox, Ray Donald, E 3	Clermont
Crabtree, Clyde, T 3	Gainesville
Craft, Donald Goddard, AB 2	Live Oak
Craig, Francis Whitcomb, A 3	DeLand
Craig, James Conover, J 3	Jacksonville
Craig, Joseph Alexander, E 1	Jacksonville
Crain, Joseph Parrott, J 3	Jacksonville
Crapps, Porter Claude, ChE 4	Gainesville
Crawley, David Wall, P 2	Danville, Ill.
Creighton, John Thomas, G	Augusta, Ga.
Crews, Elton Winthrop, BA 2	Zolfo Springs
Crews, Norman Cecil, BA 4	Zolfo Springs
Crofton, George Russell, AB 2	Titusville
Crotty, George Sturges, AB 1	Crescent City
Crownover, Robert Louis, BS 1; E 1	—Coral Gables
Crozier, Orville Louis, Ag 1	Ft. Pierce
Culbertson, Raymond Eugene, G	Gainesville
Culpepper, John Broward, AB 4	Perry
Cummings, Christy Isaiah, PM 1	—St. Augustine
Currie, F. A., L 1	W. Palm Beach
Curry, Henry Franklin, CE 3	Bradenton
Currie, Howard Fletcher, BS 3	Freeport
Curry, Edgar Hayden, L 3	Nakomis
Curry, William Clark, BA 1	Bradenton
Curtin, James Edward, AB 2	Miami
Curtis, Fred, A 3	Tampa
Curtis, Russell Emmett, ME 2	Lake Worth
Daffin, Robert Linwood, J 1	Marianna
Dahl, John Edgar, A 2	Jacksonville
Dale, Glenn Robert, AB 2	Franklin, Penn.
Dale, Thomas Bertram, CE 2	St. Augustine
D'Alemberte, Daniel Willoughby, L 3	—Pensacola
Dalton, Herschell Wallace, BS 3	Arcadia
Dalton, Jack P., T 1	Arcadia
Dameron, Albert Martin, E 5	Wabasso
Daniel, William Russell, AB 1	Plant City
Danielson, George, AB 2	St. Petersburg
Dansby, Edwin Herman, E 1	Pensacola
Dansby, George William, G	Reddick
Darby, Charles Arthur, PM 1	Gainesville
Darby, Dean, T 3	Urbana, Mo.
Darlington, Benjamin Nicholsen, BS 1	—Tarpon Springs
Darlington, Wayne, Ag 1	Tarpon Springs
Dauer, Manning Julian, T 2	Tampa
Daugherty, Ralph Edgar, AB 3	Lakeland
Davenport, Ben, CE 2	Long Island, N. Y.
David, James B., EE 2	Jacksonville
Davidson, Earl, BA 4	Greensborough, Md.
Davidson, Watson Perry, T 3	Baker
Davies, John Marshall, T 4	Gainesville
Davis, Albert Gibson, T 2	Jacksonville
Davis, Bobbie Charles, E 5	Tampa
Davis, David Miles, Ag 1	Frostproof
Davis, Darry Adkins, BA 1	Miami
Davis, Griffin D., T 1	Tampa
Davis, Harold Gilbert, L 3	St. Petersburg
Davis, Joseph Israel, BA 3	Miami
Davis, Lawrence Oliver, BS 2	St. Augustine
Davis, Lynn Roy Munn, T 3	Key West
Davis, Malcolm Mitchell, BS 1	Ocala
Davis, Norman West, BS 3	DeLand
Davis, Norton, Dewitt, AB 2	Jacksonville
Davis, Oliver Preston, J 1	Winter Haven
Davis, Ralph Clarence, AB 2; J 2	Lakeland
Davis, Robert Stewart, CE 2	Lakeland
Davis, William Arthur, BA 1	Frostproof

Name and Classification	Address
Davis, William Lane, BA 1	Rome, Ga.
Davis, William Mahlon, L 4	St. Petersburg
Davis, William Tillie, AB 1	Orlando
Davitt, John Edmond, T 3	Miami Beach
Dawkins, William Francis, Ag 1	Bradenton
Dawson, Taylor, J 3	Tallahassee
Day, Richard Bennett, AB 2	Tampa
Day, William Chilton, BA 5	Tampa
Dean, Arnold Walker, BS 4	Whitney
Dean, William Ennels, CE 2	Monticello
DeArmas, Charles Robert, BS 2	Tampa
Deck, Don Wayne, T 2	Daytona Beach
Deckman, Dan W., BS 2	Jacksonville
Dedge, Alwin Elliot, T 1	Miami
Deen, Albert Colcord, P 4	Watertown
Dees, Cecil Thomas, J 2	Mayo
DeFord, Deane Corwin, T 1	Miami
DeGaetani, Francis Marion, T 4	Tampa
Degrove, Russell H., E 5	Palm Valley
Degtoff, Walter Alexander, A 3	Miami
De Hoff, William Joseph, GL	Jacksonville
De Hoff, Philip Donald, L 4	Jacksonville
Delany, Daniel, BA 2	Ormond Beach
Dell, Lartigue, BA 1	Gainesville
DeLoach, J. Bennett, J 1	Lakeland
De Masters, Clarence Ulysses, Ag 3	—Biggs, Cal.
Denham, George Leitner, L 3	Bartow
Denison, Edward O'Grady, L 2	Chicago, Ill.
Denmark, Ewell Thomas, T 2	Gainesville
Denmark, Thomas Irving, BA 1	—Bainbridge, Ga.
Dent, Hugh Townsend, T 1	Umatilla
Denton, Frank P., J 2	Tampa
Deonier, Marshall Tracy, G	Hariah, Okla.
De Ring, John S., P 2	Tampa
Derr, Norman Henry, PM 2	Jacksonville
De Vore, William Elbert, Ag 2	Citra
DeWitt, Lyman Basil, BA 2	Jacksonville
Dial, William Henry, L 1	Gainesville
Dickinson, Clarence Leroy, T 1	Alachua
Diddell, Frank William, E 1	Jacksonville
Dinning, William Layton, L 1	Tampa
Dishong, William W., L 1	Arcadia
Dixon, Glen Allen, BA 1; T 1	Hollywood
Dixon, Norman Kemp, PM 2	Petersburg, Va.
Dobbins, Elmer Wiley, BA 1	Gainesville
Dobbins, Francis Igon, BS 1	Miami
Dodd, Allen Caussey, Ag 5	Largo
Doggett, Frank Aristides, AB 2	Jacksonville
Dolive, Clark, AB 2	Tampa
D'Olive, Reginald Rex, BS 1	Pensacola
Donahoo, John William, L 1	Jacksonville
Donahue, Cecil W., T 4	Valdosta, Ga.
Donaldson, Dean Le Roy, A 3	Troy, Idaho
Dongo, Joseph Harry, L 1	Key West
Donnelly, Wallace Oliver, AB 2	Gainesville
Dopler, Richard Furnival, BA 3; Ag 5	—Lake Wales
Dopson, Clark William, Ag 3	Gainesville
Dorsett, Luke Monk, T 1	Jacksonville
Doub, Thurman, EE 4	Dade City
Dougherty, Harry Lawrence, BA 2	Sebring
Douglas, Barton Thrasher, BS 2	Gainesville
Douglas, Lawrence Young, T 1	Dunedin
Douglass, Clark Palmer, Ag 4	Jacksonville
Dowdell, Samuel Hasmer, ME 3	Wimauma
Downing, David William, BS 1	Tampa
Downs, William Harvey, BS 1	Jacksonville
Dozier, Harry Cuttino, BA 1	Ocala
Drake, Louis Melton, BS 1	Ocala
Drake, William Hocker, AB 2	Ocala
Dreblow, Charles Julius, BS 1	Monticello
Dresbach, Richard Emmanuel, AB 1	—Ft. Lauderdale
Drew, Leland Fitzgerald, BS 1	Clearwater
Driggers, Albert Gilchrist, G	Wauchula
Driggers, Charles Ellis, AB 1	Leesburg
Driggers, Clyde Littleton, CE 4	Gainesville
Driggers, Vaughan Wendell, G	Wauchula
Dubler, Sheldon, L 1	Miami
DuBose, William W., AB 1	Sanford
Duckwall, William D., L 1	Bradenton
Dugan, Auldon Berge, L 1	Gainesville
Duncan, Thomas Eldred, T 2	Lake Butler
Dunkle, William Frederick, T 1	Ocala
Dunn, Philip Edgar, PM 1	Daytona
Dunn, Robert Joseph, T 1	Jacksonville
Dunn, William Tillman, Ag 1	Gainesville
Dunscombe, Aubrey Elsworth, Ag 4	—Lynn Haven
Dunwoody, Henry Atwood, AB 1	Arcadia
Dunwoody, William Elliot, AB 1	Arcadia
Durrance, Carl Theodore, AB 2	Okeechobee
Durrance, Oscar Leon, G	Gainesville
Dyer, Harry Frazier, BA 1	Stewart
Dykes, George Middleton, BA 1	Miami
Dyson, Rowland Edward, T 1	Jacksonville
Easterling, Dilworth Quillian, P 1	—Jacksonville
Eastland, Mark Wilson, BA 1	Tampa
Eberhart, Joseph Jackson, PM 1	Orlando
Edelstein, Marcus, L 4	Gainesville
Edenfield, Calder M., AB 1	Elfers
Edenfield, Lawrence Eugene, T 2	—Grand Ridge
Edmundson, Benjamin Rufus, T 2	—Pensacola
Edris, Edwin Nichol, T 2	Winter Park
Edsall, Robert Spencer, Ag 3	Bradenton
Edwards, Carlos Leroy, L 3	Miami
Edwards, Charles Leroy, EE 2	Tampa
Edwards, Franklin Dozier, BS 1	Kissimmee
Edwards, Henry Higdon, ChE 3	Cleveland
Edwards, Howard Keay, PM 1	Coral Gables
Edwards, Marion Joseph, BA 1	Titusville
Edwards, Mounger Duke, BS 2	Chattahoochee
Edwards, Ordie Morton, G	Gainesville
Edwards, Robert, T 1	Camden, Ala.
Edwards, William, BS 1	Ocala
Eff, Samuel, T 4	St. Augustine
Efird, Lester Julian, PM 1	Tampa
Eigle, Donald John, A 1	Arcadia
Ellinor, Merrill Floyd, BA 2	Havana
Elliot, James Nicholson, AB 3	—De Funiak Springs
Elms, George Edward, BA 3	Jacksonville
Elsberry, Harvey Henry, BA 1	Wimauma
Ely, Leon Lowell, P 2	Louisville, Ill.
Emanuel, Lawrence Martin, E 1	Ocala
Emerson, Francis Horton, A 3	Gainesville
Emmelhainz, Edgar Allen, BS 1	Bradenton
En Earl, Keith Whitman, BA 4	—Daytona Beach
English, Brenard Henry, L 4	Gainesville
English, Clyde Phillips, Ag 1	Winter Park
English, William Kamar, Ag 1	Plant City
Ennis, William D., BA 1	Tampa
Enwall, Hayford Octavius, L 4	Gainesville
Enz, Walter Fred, G	Ft. Wayne, Ind.
Erickson, Floyd Arthur, E 1; T 1	—Canal Point
Eshleman, Silas Kendrick, L 1	Gainesville
Estes, Edgar Stuart, BS 3	St. Augustine
Estridge, Luther Lucius, BS 2	Mulberry
Evans, Adolphus Ross, BS 1	Lake City
Evans, Glynn Carlyle, T 2	DeLand
Evans, Lewis A., L 3	Gainesville
Evans, Robert C., BA 2	Perry
Everett, Edward Franklin, AB 2	Orlando
Evers, Joel, L 1	Mulberry
Everts, Richard Frederick, BS 1	Lake Worth
Eyster, William Westley, T 5	Jacksonville

Name and Classification	Address
Fagan, Earle Donald, T 2	Gainesville
Falsone, Nick Joseph, BA 1	Tampa
Fanus, Herbert Wesley, EE 2	Daytona Beach
Farabee, Thomas N., T 2	Wauchula
Farnsworth, Harold Charles, L 3	Tampa
Farris, Sam, BA 2	Jacksonville
Farrior, Joseph Brown, BS 1	Tampa
Featherstone, Leland Brown, BS 3	Miami
Felson, Edgar Martin, L 3	Jacksonville
Fenn, Thomas Jos., T 2	Monticello
Fenn, William Browning, T 1	Miami
Fenton, Harry Porter, T 2	Arcadia
Ferguson, Chester H., L 3	Wauchula
Ferguson, James Alfred, AB 3	Gainesville
Ferguson, Olin S., T 2	Gainesville
Ferguson, W. J., T 1	Lake City
Ferguson, William McCague, BA 1	Orlando
Ferlita, John F., BS 3	Tampa
Fernald, Leon Fitzpatrick, G	Tarpon Springs
Fernald, William Irwin, T 3	Tarpon Springs
Fernandez, Raymond, PM 1	Ybor City
Ferrante, Gaetano Cacciotore, PM 2	Tampa
Ferris, Bernie Lee, EE 4	Tampa
Ferreira, Charles William, E 5	Miami
Fessenden, John Henry, EE 3	Tampa
Feuer, Gus, L 1	Miami
Fielding, Samuel Wista, T 2	Pine Mount
Fifield, Willard Merwin, Ag 3	Bradenton
Filson, George Robert, J 5	Sarasota
Fineren, William Warrick, ME 3	Jacksonville
Finklestein, Harold X., PM 1	Jacksonville
Fiore, Danta Massa, T 4	Gainesville
Fish, Wilmont Sidell, P 1	Tarpon Springs
Fisher, Augustus Alston, L 4	Pensacola
Fisher, Eugene Varnadoe, BA 3	Cross City
Fisher John Logan, BA 1	Tampa
Fisher, Justine Robert, BS 2	Jacksonville
Fisher, Leroy Tilson, P 3	Tampa
Fisher, Olger Otis, PM 1	Tampa
Fisher. Robert I., BS 3	Tampa
Fisher, William, L 1	Pensacola
Fisher, H. W., L 3	Fernandina
Fiske, John Arnold, T 1	Cocoa
Fitts, Emory Hinely, E 1	Mulberry
Flaherty, James Aloysius, AB 4	Ocala
Flanagan, John B., BS 1	Lakeland
Fleisher, Manuel Harold, BS 1	Orlando
Fleischer, Sam, AB 2	Rye Beach, N. Y.
Fleming, Samuel Todd, G	Gainesville
Fletcher, Eliot Chapin, A 3	Tampa
Fletcher, Markwell Ashby, P 1	Ft. Myers
Fletcher, Thomas Council, P 1	Williston
Fletcher, Ward Thomas, T 4	Greensboro
Flournoy, John Thomas, T 3	—De Funiak Springs
Flowers, Marshall Karnegy, T 2	Gainesville
Fokes, Richard Ealy, BA 2	Lake City
Fokes, William Robert, T 1	Lake City
Ford, Henry Milton, Ag 2	Gainesville
Ford, Joseph Scott, EE 3	Dania
Ford, Raymond Edmund, L 1	Ft. Pierce
Forster, Davis Miller, E 1	New Smyrna
Forsyth, Donald Walter, J 1	Coral Gables
Forum, Charles Walter, PM 1	Pensacola
Foster, Charles M., PM 1	De Funiak Springs
Foster, George Adair, AB 3	—De Funiak Springs
Foster, Ira Jackson, T 3	Gainesville
Fowler, Arthur Leonard, BA 1	Atlanta, Ga.
Fowler, Benjamin Bourland, G	Waverly, Ky.
Foy, William Edward, PM 2	St. Augustine
Foxworth, Merritt Milton, AB 2	Live Oak
Frank, David, L 4	Miami
Fraze, Richard Hetsler, J 4	St. Petersburg
Frazier, Edward Hendry, BS 2	Tampa
Frazier, Frank James, BS 1	W. Palm Beach
Frazier, Herbert, BA 4	Mulberry
Frazier, Joseph Wheeler, L 4	Tampa

Name and Classification	Address
Frecker, William Hubert, L 1	Tampa
Frederickson, Sophis N., BA 2	Jensen
Frederick, Albert Roland, BS 4	Jacksonville
Freehling, Arthur, PM 1	Jacksonville
Freeman, George Chandler, T 2	Wauchula
Freeman, George Doane, E 1	St. Augustine
Freeman, Hiram Dwight, Ag 2	Tampa
French, John Compton, L 3	Tampa
Frick, Robert Weckler, Ag 1	Tampa
Frierson, Paul Edward, Ag 1	Ft. Lauderdale
Fripp, Ethel Ione, Ag 5	Bluffton, S. C.
Frison, Carroll Gerard, T 2	Titusville
Fritz, Raymond P., BA 1	McKeesport, Pa.
Frye, David Bartlett, BA 1	Tampa
Frye, Hall Hathway, BA 3	Tampa
Frye, James Lawrence, BS 1	Mulberry
Fuchs, Richard William, L 1	Homestead
Fueyo, Elio, EE 3	Tampa
Fuller, Herbert Francis, L 3	New Smyrna
Furman, Abraham Gordon, L 1	Jacksonville
Furman, Irving Edmond, C 2	Jacksonville
Fuqua, Ben Henslee, PM 1	Palmetto
Gabel, Percival Ernest, BS 2	Tampa
Gaines, Frank Brown T 1	Sarasota
Gardner, J. Harry, BA 2	Jacksonville
Garner, James Franklin, L 4	Fort Myers
Garren, Edward Voltaire, BA 1	Tampa
Garrison, Archie William, BA 2	Miami
Garrison, Hubert Fryer, E 2	Moultrie
Gary, Thomas Porter, AB 3	Brooksville
Gary, Witherspoon Martin, BS 2	Brooksville
Gasque, William Byron, T 2	Jacksonville
Gatchell, Robert Edward, T 1	St. Augustine
Gates, James Hurley, ChE 2	DeLand
Gay, James Edwin, BA 2	Jacksonville
Gaylord, Frank Ward, E 5	Tampa
Gaylord, Herbert Russell, E 1	Tampa
Geeslin, Louis Emerson, BS 3	Orlando
Gehan, Frederick Edward, T 2	Tallahassee
Getzen, James Calbert, L 3	Webster
Gibbons, Arthur, T 3	Tampa
Gibbs, Robert Lewis, T 1	Live Oak
Gideons, Stanton Marcus, T 1	Bushnell
Gilbert, Edwin Algernon, A 5	Gainesville
Gildersleeve, Thomas Duane, CE 2	Live Oak
Gill, Robert Daniel, Ag 1	Zephyrhills
Gill, Jo Dozier, L 1	Sarasota
Gillis, Alva Knox, T 4	Ponce de Leon
Gingrass, Hugh Emile, E 1	Rockledge
Glass, Nelson Sanford, BA 4	Winter Park
Glass, Robert Heman, CE 4	Winter Park
Goble, Arthur John, BS 1	Tampa
Godfrey, James Ervin, BA 5	Orlando
Godwin, Owen Luther, BA 1	Sebring
Godwyn, Sidney Weltmer, AB 1	Orlando
Goggins, Steve Clay, P 1	Jacksonville
Golden, Lafayette, G.	Gainesville
Goldman, Leon Herman, AB 1	Ocala
Goldsby, Joe Cecil, CE 4	Dade City
Goldstein, Kessler M., L 1	La Grange, Ga.
Goldstein, Mark Jean, BA 4	Jacksonville
Gonzalez, George, E 1; T 1	Tampa
Gonzalez, Leo Cao, PM 2	Tampa
Goodbread, Royce Ethelbert, T 3	—St. Petersburg
Goode, William Guerry, T 1	St, Augustine
Gordon, Irving, BS 2	Tampa
Graham, Austin Estell, Ag 5	Mulberry
Graham, Dillon Lorentus, J 5	Lakeland
Graham, George Boyington, L 4	Tampa
Graham, George Ransom, G	Ft. White
Graham, John Louis, L 4	DeLand
Graham, Marion Webster, T 1	Daytona Beach
Graham, Rudolph Newton, BS 1	—Daytona Beach
Gramigna, Victor Raphael, CE 2	Tampa
Gramling, Lea Gene, P 1	Plant City

Name and Classification	Address
Gramling, William Sanders, L 4	Miami
Grandoff, John Bertrum, BA 3	Tampa
Granger, Stanley, L 4	Gainesville
Grant, Ben Joseph, BA 2	Jacksonville
Grant, William Dobbins, PM 1	Jacksonville
Gravely, Louis Overton, L 3	Labelle
Graves, John Calvin, Ag 3	Tampa
Graves, J. R., BA 4	Quincy
Gray, Henry, AB 1	Millville
Green, Carl Roger, L 3	St. Petersburg
Green, George Marvin, L 3	Tampa
Green, Harry, L 1	St. Petersburg
Green, Sam, C 2	St. Petersburg
Green, Wilson Payne, ME 2	Reddick
Greenberg, Max Ervin, AB 2	Gainesville
Greene, Edgar Wilson, T 2	Stuart
Greene, Harry Sumpter, T 3	Gainesville
Greene, Lorin Arthur, AB 4	—Indianapolis, Ind.
Greene, Ralph Burton, T 1	Indianapolis, Ind.
Greene, Thomas Underwood, G	Gainesville
Greenman, John Roosevelt, Ag 2	Gainesville
Greer, Dolph, Ag 1	Miami
Greer, Paul Ecoff, BA 1	Brooklyn, N. Y.
Grenelle, Edwin William, L 3	Palm Harbor
Grider, Harold Lonzo, Ag 5	Palm Harbor
Griggs, Hubert Eugene, L 3	Rockledge
Griley, George Edmund, PM 1	Miami
Grout, Edward Morse, EE 3	Jacksonville
Guard, Carl Jackson, CE 2	Orlando
Guessaz, Louis Alexander, T 4	Dade City
Guise, Witt Orison, T 1	Magazine, Ark.
Gulick, H. Marion, E 1	Tampa
Gunn, James Rutland, AB 2	Jacksonville
Guyton, Charles Moses, L 4	Marianna
Haas, Widmer Edward, EE 2	Tampa
Hackney, Gallie Thomas, BA 3	Ft. Pierce
Hadfield, R. W., BS 1	Gainesville
Hafner, Edward Robert, J 2	Brooksville
Haft, Albert Mathew, BA 5	Jacksonville
Hagan, L. P., AB 1	Sanford
Haines, Lewis DeMaugh, PM 2	—Altamonte Springs
Haines, Webber Bly, L 1	Altamonte Springs
Hall, Charles Reade, L 1	Mobile, Ala
Hall, Franklin Dudley, BA 1	St. Petersburg
Hall, Henry Harrington, Ag 2	Ocala
Hall, James Elwood, BS 2	Cantonment
Hall, John Kingston, BA 5	St. Petersburg
Hall, Joe Tilden, E 1	Hollywood
Hall, John L., BS 1	Leesburg
Hall, Josiah Calvin, T 2	Dunedin
Hall, Leland Gwynn, BA 3	Tampa
Hall, Lyman, T 3	Miami
Hall, Malcolm Jackson, L 4	Tampa
Hall, Thomas Gordon, BA 2	Fernandina
Halsey, Earl William, BA 1	W. Palm Beach
Hamilton, George Bruce, BA 1	Tampa
Hamm, Donald Loren, BA 3	Gainesville
Hamm, Harold Albert, BA 1	Gainesville
Hammack, James Albert, CE 2	Leesburg
Hammer, Burks Latham, T 1	Tampa
Hampton, William Franklin, PM 2	—Gainesville
Hancock, Kenneth Milton, BA 4	—Casco, Maine
Hancy, Stephen Foster, T 4	Clearwater
Hankins, James Garland, ChE 3	Kissimmee
Hardee, Bascom Owen, BA 2	Bronson
Hardee, James Edward, L 1	Madison
Harding, John, AB 1	Babson Park
Harllee, John Pope, AB 3	Palmetto
Harrell, Maurice Ticer, L 1	Noblesville, Ind.
Harrell, William Keener, T 1	Marianna
Harris, Clyde Eugene, A 1	Jacksonville
Harris, John Frank, T 3	Gainesville
Harris, William Curry, L 4	Key West

Name and Classification	Address
Harrison, Arthur Clarence, G	Gainesville
Harrison, Clyde, BA 2	Bushnell
Harrison, Grady, T 3	Anthony
Harrison, Howard Watt, BS 1	Pensacola
Harrison, Louis Stanley, L 1	Tampa
Harrison, William Franklin, T 1	—Panama City
Hart, Robert Winston, CE 3	Key West
Hart, Screven Thomas, AB 1	Jacksonville
Hartley, Charles Edward, T 3	St. Cloud
Harvard, Virgil Winfield, BA 1	Tampa
Harvey, Norman Comstock, CE 3	Miami
Harvey, William Walter, AB 2; T 2	Chipley
Haseltine, Hubert Arthur, G	Gainesville
Haskell, Harold Notman, G	Gainesville
Hatfield, Cortland Mueller, E 5	Ft. Pierce
Hawkins, Ben Sanford, BS 1	Miami
Hawkins, Durward E., L 1	Tampa
Hawkins, George A., T 4	Bay Harbor
Hawkins, William, A 3	Gainesville
Hawley, Clifford, D., L 4	Lakeland
Haworth, Chester, BS 1	High Springs
Hayes, Charles Hugh, BS 2	Clearwater
Haynes, Charles L., E 1	Crystal River
Haynes, Gerritt Frederick, BA 3	Clearwater
Hazeldine, Kenneth Edward, A 2	—Terre Haute, Ind.
Head, Francis Best, A2	Tallahassee
Hearn, Vernice Law, T 3	Miami
Hedberg, Roland Leonard, Ag 2	—St. Petersburg
Heffner, Harry, Ag 1	Gainesville
Heitman, Gilmar McCrary, BS 1	Ft. Myers
Heller, Simeon, BS 1	Jacksonville
Helvenston, George Rudolph, L 3	—Jacksonville
Hemming, Elwood Daniel, PM 2	Jacksonville
Henderson, Edwin Lloyd, T 2	Ebb
Henderson, John Ward, AB 1	Tallahassee
Henderson, Joseph Russell, Ag 2	Lee
Henderson, Leon N., T 4	Galliver
Hendricks, Ernest Leroy, CE 2	Island Grove
Hendrix, Hugh Milton, BS 1	Gainesville
Hendry, Asbury Henry, L 3	Tampa
Henley, William Walton, T 1	—De Funiak Springs
Hennessee, Earl Eric, T 3	Lakeland
Henry, Clarence Raimer, BS 3	—Ft. Lauderdale
Henry, John Logan, PM 2	Tampa
Hentz, James I., T 2	Blountstown
Herin, William Abner, AB 3	Miami
Herlong, Albert Sydney, L 3	Leesburg
Herlong, Charlie Wheeler, AB 2	Jacksonville
Herminghaus, Charles, Ag 5	Mims
Hester, Jackson Baling, G	Easley, S. C.
Hester, Robert Lewis, BA 1	Miami
Hett, Charles Edward, A 1	Columbus, Ga.
Hiatt, Lyle Steven, BA 5	W. Palm Beach
Hickenlooper, Irby James, EE 3	Palatka
Hickman, Jack, E 1	Orlando
Hicks, Dashwood, BA 2	Tampa
Hicks, Henry Leon, P 2	Orlando
Hicks, William Trotter, G	Pensacola
Hiers, Bryant Dickinson, L 1	Gainesville
Hiers, Milton, BA 1	Wauchula
Hiers, William Ardis, E 1	Miami
Higgins, Edward Gardiner, BS 1	Pensacola
Higgins, John Edward, AB 1	Sanford
Highleyman, Robert Igou, AB 1; E 1	Sanford
Hildebrand, Boyd, L, BS 1	Indrio
Hill, Arthur Mayflower, Ag 3	Vero Beach
Hill, Edward Joel, ME 2	Tallahassee
Hill, Robert Stevenson, BA 3	Cocoa
Hill, Sue, Ag 5	Gainesville
Hill, William Logan, L 4	Washington, D. C.
Hills, Alfred Ernest, CE 4	Winter Haven

Name and Classification	Address
Himes, Samuel Hilburn, AB 2 —West Palm Beach	
Hinson, John Clayton, BA 2	Quincy
Hinton, John, T 1	Everglades
Hintz, Russell, William, BS 1	Miami
Hirsh, Bennett Marcus, L 1	Jacksonville
Hirsh, Earl, T 1	Jacksonville
Hjmerstad, Lars B., BA 2 —Green Cove Springs	
Hobbs, Forrest O'Leary, AB 2	Tampa
Hobbs, Walter Bascome, T 1	Panama City
Hobgood, Thomas Shannon, PM 1	Pensacola
Hodes, Herbert, T 1	Miami
Hodges, Herbert Lloyd, CE 3	St. Augustine
Hogan, Ivey William, Ag 2	Trenton
Holland, Hilliard Calliver, BS 1 —St. Petersburg	
Holland, Jefferson Wesley, PM 1	Bartow
Holland, Walter Coutts, Ag 1	Leesburg
Holland, Zachary Dean, PM 1	Bunnell
Holmes, Arthur Adrian, AB 1	Millville
Holmes, John Arthur, T 5	O'Brien
Holsberry, John Edwin, L 4	Pensacola
Holsinger, Joe, E 5	Kansas City, Kansas
Honeywell, Owen Daniel, AB 2	Vero Beach
Hood, Ralph Kenneth, BS 1	Crystal River
Hopper, Roland Otha, Ag 2	Cleveland
Horne, Sidney Linton, AB 2	Monticello
Horovitz, Abraham, E 1	Jacksonville
Horovitz, Jules Joseph, BS 3	Tampa
Horrell, James Gordon, T 2	Titusville
Horrell, Robert Paul, L 1	Gainesville
Houck, John Blakemore, AB 1	Bradenton
Houk, Dean Charles, L 3	St. Petersburg
Hourihan, Richard Patrick, A 2	Miami
Houser, Mike Samuel, T 3	Jacksonville
Houston, Turner O., PM 1	Jacksonville
Howard, Grady, AB 1	Leesburg
Howard, John T., T 2	Bristol
Howard, Julian D., BA 3	Orlando
Howard, Raymond Holt, G	Gainesville
Howard, Walter Burt, E 1	Jacksonville
Howe, Gaius Winchester, E 3	Burlington, Vt.
Howell, Marion Elroy, E 1	Inglis
Howell, Marshall Francis, T 1	New Smyrna
Howell, William Douglas, AB 2 —Lakewood, Ohio	
Howze, James L., PM 2	Palmetto
Howze, Thomas Alston, L 1	Palmetto
Hubbard, Harold Elbert, BA 1	St. Augustine
Hubbell, Roger Shelton, A 2	Milford, Mich.
Huddleston, George Adam, L 1	Sanford
Hudson, Henry E., G	Gainesville
Hudson, J. H., L 1	Key West
Huffer, John Craig, EE 2	Orlando
Huffman, Robert Campbell, T 1	Miami
Hughes, Charles Roy, AB 2	Lake Hamilton
Hughes, Edward Hanley, BS 1	Palatka
Hughes, Jackson, J 1	St. Petersburg
Hughes, Robert Lawrence, L 4	Bartow
Hughey, Francis Drew, BS 1	Clearwater
Humphrey, Duncan McNair, BS 1	Gretna
Hunter, Walton Broward, AB 2	Tavares
Hurlebaus, Kenneth Davis, Ag 2	Clearwater
Hussey, Thomas Goldsmith, BS 2 —West Palm Beach	
Hutchings, Richard Moir, G	Riverview
Igou, Hugh McEwen, T 2	Eustis
Ihrig, Elmer W., T 3	Ft. Myers
Imeson, John G., BA 2	Jacksonville
Inman, Rudolph Joe, L 4	Lake City
Irwin, Thomas Melbourne, PM 1	Jacksonville
Ives, Selwyn Callaway, T 3	Lake City
Jack, Bernard William, BA 1	Tampa
Jackson, Charles Edward, Ag 3	Clearwater
Jackson, Wesley, Benjamin, BA 1 —West Palm Beach	
Jacobs, David Barney, T 2	Daytona Beach
Jacobus, Robert Carey, EE 2; BA 2 —St. Petersburg	
Jahn, Fred S., AB 2	New Port Richey
James, Jack, T 1	Bartow
James, John Wilbur, BA 2	Orlando
James, Russell Hayward, BA 2	St. Petersburg
James, Thomas Herschel, BA 3 —St. Petersburg	
Jammesson, Charlton Lionel, BS 1 —McKeesport, Pa.	
Janison, James Robert, AB 2; Ag 2 —Wabasso	
Janes, C. Howell, ME 2	Wauchula
Janes, Marion McKinney, T 2	Wauchula
Jaramilla, Louis Sierra, Ag 5 —New York, N. Y.	
Jefferson, Wayne O., EE 3	Pensacola
Jennings, William Logan, PM 1	Jennings
Jernigan, Claude Hagen, EE 3	Monticello
Jernigan, Harvey Jordon, BA 2	Lake Wales
Jernigan, Jack Webster, E 1	Gainesville
Jernigan, William Clarence, Ag 2	Gainesville
Johansen, Beppo Rolff, AB 3	Clearwater
Johansen, Hans Rolff, BS 1	Clearwater
Johns, Eli Johnofski, G	Grajewo, Poland
Johnson, Albert M., EE 3	Orlando
Johnson, Arrie Lee, L 3	Jay
Johnson, Carl Erik, CE 2	Sarasota
Johnson, Charles Johannas, CE 2	Pensacola
Johnson, Dewey Macon, L 3	Quincy
Johnson, Frank Newton, BA 3	Hawthorne
Johnson, Fred Vaughn, BS 1	Miami
Johnson, Howard Bradley, Ag 4	Windermere
Johnson, Jack Frank, BA 5	Jacksonville
Johnson, James Howard, E 1; T 1	Trenton
Johnson, Levi Mott, Ag 1	Miami
Johnson, Nathan, BA 2	White Springs
Johnson, Oliver Preston, BS 2	St. Cloud
Johnson, Richard Sadler, P 1	Daytona Beach
Johnson, Robert Milton, CE 4	Hardeetown
Johnson, Rollie Edward, BA 2	Bradenton
Johnson, Thomas H., AB 2	Jacksonville
Johnson, Thomas Preston, BA 3 —St. Petersburg	
Johnson, Thomas Theodore, BA 1 —St. Petersburg	
Johnson, William Longley, PM 1	Key West
Johnson, W. Munson, EE 3	Key West
Johnston, Excell Ronald, AB 2	Clermont
Johnwick, Edgar Bernard, BS 3	Gainesville
Johnwick, Erwin Frederick, T 1	Gainesville
Jones, Arthur Heath, AB 1	Pensacola
Jones, Edwin Ladd, BA 1	Jacksonville
Jones, E. Ulman, AB 2	High Springs
Jones, Henry Grady, T 5	Gainesville
Jones, Herbert Charles, BS 1	Ocala
Jones, Hugh Ballinger, PM 2	Gainesville
Jones, John Batts, P 2	Oviedo
Jones, Leon Broward, BS 2	Century
Jones, Paul, BS 1	West Palm Beach
Jones, Thomas Capers, BS 2	Old Town
Jones, Thomas John, Ag 2	Sarasota
Jones, William Ellis, BA 2	DeFuniak Springs
Jordan, Burwell Luvius, T 2	Tampa
Jordan, Mark Bartley, Ag 3	Gainesville
Jordan, William Douglas, L 4	Gainesville
Josey, Metzger Elroy, L 3	Gainesville
Judge, William William, L 4	Daytona Beach
Judy, Dick Woodson, AB 1	W. Palm Beach
Judy, Jackson Knight, BA 3	W. Palm Beach
Kaminis, Peter Clifton, BS 1	Tarpon Springs
Kaplan, Harvey Maurice, L 3	Miami
Kazarian, Carl, P 2	Orlando
Kazarian, Harry, P 2	Orlando

Name and Classification	Address
Kea, John Wesley, Ag 1	Hawthorne
Keck, Harold Irving, BA 1	Orlando
Keel, Wilfred Leonard, A 5	Ortega
Keeler, Emerson Martin, E 1	Miami
Keen, John Burger, BS 2	Graceville
Keep, Oscar Joseph, AB 1; T 1	Jacksonville
Keezel, James Edward, L 1	Winter Park
Kehoe, Emmett Wilson, AB 2	Coral Gables
Keith, James Anthony, T 1; E 1	Tampa
Kelley, Welcom Tol, PM 1	Lake Mary
Kelly, Daniel Anthony, L 1	Fernandina
Kelly, James Eddie, T 1	Glen St. Mary
Kelly, John R., EE 3	Live Oak
Kelly, William J., J 2	Miami
Kemp, Paul Sadler, PM 2	Miami
Kempton, James Harvey, BA 1	Rockledge
Kendall, Michael M., L 4	Winter Haven
Kennedy, Gurney William, T 1	Tallahassee
Kennedy, Kenneth Keith, BA 1	Ocala
Kennedy, Robert Chaplin, Ch E 2	—Winter Park
Kennon, Gordon Elwell, AB 2	Daytona Beach
Kent, Artis Lane, BA 2	Lee
Kenton, William G., T 1	St. Cloud
Kepler, Charles Jasper, BS 1	Palatka
Kester, Edson Eugene, E 1	Jacksonville
Ketler, Ralph Henry, T 1	W. Palm Beach
Kibler, John Marlen, BS 2	Lakeland
Kickliter, Grady H., T 5	Ft. Green
Kierce, Steiner Clive, Ag 4	Baker
Killam, John Grant, AB 2	St. Augustine
Killinger, Clarence Eugene, ME 2	Gainesville
Kimball, Millard Fillmore, AB 2	Umatilla
Kimble, Charles Francis, BS 2	Bronson
King, Bertram Carlyle, EE 2	Ft. Myers
King, Carl Daniell, BA 2	Bradenton
King, Charles Bryan, CE 3	Sneads
King, Davis Douet, PM 2	Tavares
King, Fletcher Gordon, PM 1	St. Augustine
King, Isaac Godfrey, T 1	Sneads
Kinzie, George Reinbolt, BA 2	Ft. Myers
Kirby, William Gilchrist, BA 4	Orlando
Kirker, Eugene Albert, BS 2	Jacksonville
Kirkland, Charles Orian, T 1	Laurel Hill
Kirkpartick, John Watt, BS 1	Gainesville
Kirkpatrick, Lee Wesley, BA 2	—Ft. Lauderdale
Kirton, Joe Scott, AB 2	Winter Garden
Kiser, Randolph Lee, P 2	Key West
Knight, Claude Mitchell, BS 1	Bunnell
Knight, Frank Tyler, PM 1	Jacksonville
Knight, Fred Key, G	Crescent City
Knight, Harold Anthony, J 1	Ocala
Knight, Louis LaFontisee, A 3	Ocala
Knight, Robert Luther, T 1	Miami
Knight, Ross James, T 1	Vero Beach
Knowles, Norman Whitfield, BA 2	—Winter Park
Kolbe, H. Harold, L 4	Waukegan, Ill.
Korst, Ernest Bladon, BA 1	St. Augustine
Kovach, Peter Milton, Ag 1	Zolfo Springs
Kriger, Dan, BA 1	Jacksonville
Kubesserian, Garabed Gughmess, A 2	—Gainesville
Kulujian, Bedras H., Ag 1	Gainesville
Kupper, Leo Rome, AB 1	Miami
Laffitte, Roundean Garvin, P 2	Lloyd
LaFuze, George Leighton, G	Clermont
Lagano, Albert Aloysius, BS 2	Gainesville
Lamborn, Albert Gallatin, BA 2	Tampa
Lamborn, Bert L., BA 2	Tampa
Landrum, T. Frank, T 2	Inverness
Laney, Edward Earl, T 1	Tampa
Langbehn, Franklin Peter, A 2	Miami
Langford, Richard Hickson, E 1	Ft. Meade
Langston, Herbert Anthony, T 2	Cross City
Lanier, David, L 4	Madison
Lansdell, Fred Dudley, A 3	Miami
Largue, James, BA 1	Pensacola
Larimore, Granville W., PM 2	Tampa
Larson, John Edwin, L 4	Brookston, Pa.
Lastinger, Samuel Thomas, T 2	Gainesville
Latham, Herbert Saunders, AB 1	Pensacola
Lawless, William Walter, Ag 1	Lake Alfred
Lawrence, Richard Abbott, L 1	Melbourne
Lawrie, David Edward, EE 3	Holly Hill
Lawshe, Philip R., BA 1	Jacksonville
Lawton, Alfred James, BA 2	St. Augustine
Laycock, Ernest Harold, E 1	Tampa
Layne, Raymond Lee, AB 1	Alachua
Lazonby, Joseph Lancelot, T 2	Ft. Lauderdale
Leahy, Edward Francis, BA 1	Gainesville
Lee, Clarence Joseph, P 3	Miami
Lee, Charles Raymond, BS 1	Clearwater
Lee, David, EE 2	Gainesville
Lee, John Levi, BS 1	Live Oak
Leddy, William Braxton, BA 1	Miami Beach
Leggett, Frederick Earl, EE 3	St. Petersburg
Leland, Aaron Whitney, Ag 5	Gainesville
Lemen, Larry Light, E 1	Jacksonville
Leonard, Sam A., T 4	Blountstown
Lerner, Jules, BA 1	W. Palm Beach
Lesley, John T., AB 2	Haines City
Levey, Bernard Frank, ChE 2	Pensacola
Lewis, Edward Clay, L 4	Marianna
Lewis, Francis Scott Key, EE 2	Miami Beach
Lewis, Gardner La Motte, T 2	St. Petersburg
Lewis, Henry Hays, L 4	Marianna
Lewis, Orlen B., P 3	Gainesville
Licata, Anthony Joseph, BS 2	Tampa
Liddon, Ben Sullivan, BA 1	Marianna
Lindsey, Kirby Stewart, BS 1	Archer
Lindsey, X. L., T 2	Archer
Lindsley, Augustus R., A 2	Dania
Linebaugh, Charles David, L 4	Tampa
Linebaugh, F. Marion, PM 2	Tampa
Lipsitz, William, BA 1	Leesburg
Littell, Bartow Stubbs, CE 2	Hudson
Littig, Sherman Kent, T 1	Tallahassee
Little, Jesse Latimer, BA 3	Columbus, Ga.
Livingston, Howard Gordon, L 1	Orlando
Livesay, Joseph Stuart, AB 3	Jacksonville
Lloyd, William Folwell, T 3	Tampa
Lockett, Norwood Alexander, Ag 2	Cocoa
Lockhart, Stuart, Ag 2	Yukon
Loewenkopf, Jack, L 1	Jacksonville
Loften, William T., Ag. 2	Summerfield
Lokey, Hulsey, BA 1	Tampa
Long, Latimer Ashlay, L 4	Polk City
Lopez, Aquilino, AB 1	Key West
Lord, Earl L., G	Gainesville
Lord, Mills Minton, T 1	Sanford
Lord, Richard Purdie, Ag 2	Gainesville
Lorraine, Charles Cabell, L 1	Jacksonville
Lotspeich, Lowell Wilson, BA 1	Miami
Lotspeich, Walter Wiley, BA 1	Miami
Loucks, Ivan H., EE 3	Gainesville
Loucks, Kenneth Wilfred, G	Gainesville
Loucks, Merle Kenneth, BS 1	Tampa
Love, Francis Edmond, L 3	Lake Worth
Love, H. A., L 3	DeFuniak Springs
Love, William Lawson, ChE 3	Mulberry
Lowe, Frank Ewing, BA 1	Tampa
Lowenherz, Louis Lawrence, T 2	Arcadia
Lowery, Francis Richard, BS 1	Holopaw
Ludwig, Andrew George, T 1	Gainesville
Ludwig, Gerald Edward, BA 4	Sarasota
Lupfer, Alexander McClure, Ag 1	Kissimmee
Luther, Charles William, L 3	Daytona
Lybass, James H., Ag 2	Tampa
Lyell, John Middleton, A 1	Miami
Lyle, William Raymond, Ag 3	Bartow
Lynch, S. John, Ag 1	Lake Jovita
Lyon, James, PM 1	Caribou, Maine

Name and Classification	Address
Lyon, S. C., T 1	Gainesville
Lytal, Lake Hensy, BA 3	Gainesville
McArthur, Hugh Lynn, T 4	Tampa
McArthur, James Alta, T 1	Crestview
McCall, Eugene Franklin, PM 1	Monticello
McCall, Fred Wallace, AB 4	Miami
McCall, Oliver Winston, T 2	Madison
McCall, Ralph Duncan, AB 1; T 1	Jasper
McCallister, George Lee, BS 1	Tampa
McCarthy, Parker Wardrope, ME 3	—Isle of Pines, Cuba
McCarty, William A., E 1	Gainesville
McCaskill, Herbert L., A 2	Lakeland
McCaskill, John Edward, AB 3	—DeFuniak Springs
McCaughan, James Russell, AB 2	Pensacola
McCaul, Thomas Vaden, AB 1	Gainesville
McClain, Will Kelly, L 4	Lebanon, Tenn.
McClane, Thomas Kindred, AB 1	Wauchula
McClellan, Broward, T 2	Frink
McClellan, Roby B., AB 2	Jacksonville
McClung, Marshall Linwood, CE 2; PM 2	—Miami
McClure, Jack Wilson, BA 1	Palmetto
McColskey, John Stuart, CE 2	Lake City
McCormick, Charles Evileth, Ag 2	Bartow
McCormick, Fenwick Taylor, Ag 5	—Gainesville
McCormick, Gordon James, AB 1	Gainesville
McCormick, Harry W., Ag 2	Gainesville
McCormick, Lucius Raines, T 1	Gainesville
McCormick, Rayford Charles, T 1	Gainesville
McCranie, Alvin Franklin, BA 1	Jacksonville
McCranie, John Joseph, AB 4	Jacksonville
McCraw, John Carey, CE 2	Gainesville
McCrea, William James, T 1	St. Petersburg
McCune, Marion Clyde, C 1	St. Petersburg
MacCubrey, Gerald Malcolm, PM 1	—Coconut Grove
McDonald, Thomas J., E 5	Jamestown, N. Y.
MacDonald, Alden Farrington, EE 2	Archer
McDonald, Venton O., BA 2	Miami
McDavid, Rudolph Shelley, AB 1	—Miami Beach
McEldowney, Lawrence Edward, BS 3	—Tampa
McEldowney, Walter Hiett, AB 2	Tampa
McElveen, Richard Charles, PM 1; T 1	—Hastings
McEwen, James Milton, AB 3	Wauchula
MacFarlan, Nolan Henry, PM 2	Inverness
McFarlin, William Murray, AB 1	—West Palm Beach
McGee, William Lanier, ME 3	Century
McGinnis, Willard Dean, A 1	Lakeland
McGovern, Donald Conrad, AB 3	Jacksonville
McGrath, Joe McDonald, BA 1	—Ormond Beach
McGucken, Thomas Eugene, E 1	Tampa
McIntire, James Edgar, Ag 4	Gainesville
McIntosh, Clyde Anderson, P 1	Dowling Park
McIntosh, Malcolm, T 1	Tallahassee
McKay, John Wilkes, E 3	Tampa
McKay, Richard Struss, T 1	Tampa
MacKenzie, Edward S., L 1	Leesburg
McKethan, Alfred Augustus, BA 3	—Brooksville
McKinnon, Daniel Angus, BS 4	Marianna
McLanahan, Clarence Rhodes, L 1	Bunnell
McLanahan, Julius Pope, A 3	Bunnell
McLaughlin, Mike Jones, BA 2	Tampa
McLean, Andrew Parks, P 1	Pensacola
McLean, Donald Shelton, Ag 1	Bartow
McLean, Leon Shepard, P 2	Dunedin
McLeod, Norman Wightman, BS 4	Aucilla
McLeod, Wallace LeRoy, AB 1	Aucilla
McLucas, Leonard Lee, T 3	Sanford

Name and Classification	Address
McMullen, Daniel Guy, BS 1	Safety Harbor
McMullen, Kenneth Smith, Ag 2	Lee
McNatt, John Mathews, L 3	Uvalda, Ga.
McPherson, Guy Alexander, Ag 2	Havana
McQuitty, John Vrendenburgh, AB 4	—Ft. Myers
McRae, William Allan, AB 2	—West Palm Beach
McWhorter, Robert Olin, BA 1	Sarasota
McWilliams, Hugh Coleman, T 3	Tampa
McWilliams, Lauren Elton, P 2; T 2	—Frostproof
Machen, James Thomas, BA 4	Laurens, S. C.
Mack, Richard Alfred, BA 1	Miami Beach
Mackey, John Goldsberry, BA 3	Tampa
Maddox, John Clyde, L 1	Wauchula
Magee, William H., BA 2	Tampa
Magid, Louis, P 2	Tampa
Magruder, Charles Lawson, A 5	Tampa
Mahaffy, Conrad Brickwedel, BA 1	—Jacksonville
Mahone, John Thomas, BS 1	Jacksonville
Mahorner, Bernard Teague, L 1	Inverness
Maines, Orlando Melvin, Ag 1	Gainesville
Makinson, William Burroughs, T 1	—Kissimmee
Malmborg, Harold Eric, E 1	DeLand
Mann, Albert Catherwood, BS 1	—W. La Fayette, Ind.
Mann, Earle La Vern, BA 2	Orlando
Mantey, Wallace Frederick, EE 2	Eustis
Manucy, Albert Clement, T 1	St. Augustine
Marsales, John, BA 3	Cantonment
Marchman, Fred, BS 2	Punta Gorda
Markett, Davis Lane, T 2	Arcadia
Markham, Julian E., BS 3	Lake City
Marks, Charles Alfred, T 2	Tampa
Marks, Paul Harold, L 3	Miami
Marlett, Neuman Clyde, PM 2	Gainesville
Marsh, Horace G., T 1	Jacksonville
Marsh, John Duffey, BA 1	Yonkers, N. Y.
Marshall, Thomas Horace, E 1	Lakeland
Martin, Freeman Goode, G	Ninety-Six, S. C.
Martin, Henry A., AB 1	Jacksonville
Martin, James Christopher, P 1	Moss Bluff
Martin, Laurence Sherman, CE 2	Warner
Martin, Roe Millege, T 2	Gainesville
Martineau, James Anthony, L 1	—Marinette, Wis.
Mason, Lass Albert, EE 2	Jacksonville
Mason, Thomas Leo, BA 2	Sarasota
Massari, Frank, AB 1	Tampa
Massey, Fred Ferguson, BA 3	Pensacola
Massey, Hollis, L 1	Gainesville
Masters, Charles Andrew, BS 1	St. Augustine
Mathers, Alex Pickens, BA 2	Pensacola
Mathews, Reynolds Reuben, BA 1	Leesburg
Mathiasen, Bennett E., AB 1	Melrose
Mathis, Charles Carvel, L 3	Hastings
Mathis, Charles Robert, L 1	Panama City
Mathis, Leon Edward, J 1	Panama City
Matthews, Donald Ray, AB 4	Hawthorne
Matthews, Earle Dwight, Ag 2	Homestead
Mauck, R. Eldridge, T 1	Jacksonville
Maxwell, Ernest B., A 2	Jacksonville
Maxwell, Frank Flagg, BA 1	Tallahassee
Maxwell, Lewis Samuel, T 1	Eustis
May, George Lamar, BA 2	Quincy
Mayes, William Kingsbery, BA 1	Pensacola
Meadows, Washington Julian, Ag 5	Ft. Pierce
Means, James Duval, Ag 5	Gainesville
Means, Sam Barnett, BS 1; E 1	Gainesville
Mears, John Miriam, T 1	Cypress
Meeker, Thomas Rusley, EE 3	Bonifay
Meeth, Louis Henry, L 3	New Port Richey
Mehlman, George Black, AB 1	Jacksonville
Mehrtens, William Osborne, T 2	Jacksonville
Meigel, Harry, E 1	Jacksonville

Name and Classification	Address
Melvin, Perry David, BS 3	Milton
Menendez, Earnest, EE 2	Tampa
Menendez, Ramon, EE 4	Tampa
Merchant, Jay, AB 2	Clearwater
Merrill, G. B., Ag 5	Gainesville
Merrin, George Alfred, G	Plant City
Merrin, Phil F., Ag 3	Plant City
Merritt, Charles Coe, BS 2	Richmond, Va.
Merritt, J. Webster, BS 4	Gainesville
Merryday, Lewinton A., BS 1	Palatka
Messer, James, L 4	Tallahassee
Messer, William Herbert, L 1	Sanford
Messler, Arthur Abbott, BS 1; E 1	Miami
Metts, Allan Farris, BA 1	Marston, Mo.
Middleton, Gerald E., BS 1	Starke
Mikell, William Owen, BA 3	Olustee
Milam, George Baxter, E 5	Miami
Milbrath, Harry Simmons, T 2	Fort Ogden
Milian, Rene Joseph, BA 1	Tampa
Millen, William David, ChE 2	Jacksonville
Miller, Carlos, BS 1; E 1	Coral Gables
Miller, Charles, T 2	Jacksonville
Miller, Edwin Lee, L 3	Orlando
Miller, Jack, AB 2	St. Petersburg
Miller, John Donald, CE 4	W. Palm Beach
Miller, Henry Broward, T 3	Bushnell
Miller, Kenneth Wilber, A 1	Black Mt., N. C.
Miller, J. B. Hamner, L 1	Tampa
Miller, Jefferson Brown, BA 2	Gainesville
Miller, Perry Patten, BA 2	Key West
Miller, Ralph William, BA 3	Orlando
Miller, Robert Henry, BA 3	Bradenton
Miller, Theo Worrall, T 3	Bunnell
Millican, James Henry, AB 3	Palatka
Mills, James Raymond, BS 1	Archer
Mims, William Elliott, EE 2	Ft. Pierce
Minardi, John Battista, AB 1	Tampa
Miner, Jack Harding, CE 2	Daytona Beach
Mines, Chester Eugene, ME 4	Miami
Mitchell, James Edward, E 1	Ortega
Mitchell, Robert Lee, BS 3	Mulberry
Mitchell, William Franklin, Ag 1	Lakeland
Mize, Arthur Glenn, BA 1	W. Palm Beach
Mize, Hilton Roy, PM 1	Daytona Beach
Mizell, John Keener, BA 4	Gainesville
Mizarahi, Ralph Simon, A 1	Jacksonville
Mobley, Gordon Simpkins, CE 3	Jacksonville
Model, Jacob, L 3	Gainesville
Monteiro, George Louis, AB 2	St. Petersburg
Montgomery, James Douglas, T 1	Gainesville
Montgomery, Stephen Miles, L 1	Gainesville
Montgomery, William Earl, BA 1	—Miami Beach
Moomaw, David Eugene, Ag 3	Miami
Moore, Ernest G., G	Newbern, N. C.
Moore, Frederick A., BA 1	—McKeesport, Penn.
Moore, John Robert, CE 4	St. Petersburg
Moore, Kingman Colquitt, A 1	Orlando
Moore, Leonidas C., EE 3	Jacksonville
Moore, Maurice Lee, BS 3	Laurel Hill
Morgan, Curtis Dietrich, BA 3	St. Petersburg
Morgan, Joseph, T 1	Jasper
Morgan, Kenneth Oscar, T 1	Miami
Morgan, Ned Harle, E 1	Jacksonville
Morris, Charles F., T 3	Baker
Morris, James Edward, E 1	New Smyrna
Morris, William Emory, BA 1	Homestead
Morris, William Erskine, ChE 2	Leesburg
Morway, Jesse Arnold, BS 4	Jacksonville
Mosier, Charles, AB 1	Miami
Motts, George Newton, G	Lakewood, Ohio
Mounts, Charles Eugene, G	Gainesville
Moutsatsos, Vasilios Costas, BA 1	—Tarpon Springs
Mowry, Harold, Ag 4	Gainesville
Moyer, Martin Hartwell, L 3	Ft. White
Moyers, Edward Badger, A 1	Orlando

Name and Classification	Address
Mullins, Archie G., G	Tallahassee
Mulrennan, John Andrew, Ag 1	Sydney
Mulrennan, Joseph Bernard, T 1	Sydney
Mumma, Jacob Ames, AB 2	Jacksonville
Munger, Forest Harrold, L 1	Rivera
Murphree, Albert A., AB 4	Gainesville
Murphree, Claude Leon, G	Gadsden, Ala.
Murphree, Walter Ellis, BS 3	Gainesville
Murphy, Sam Garret, BA 1	Bradenton
Musser, Marshall Clemson, AB 2	—St. Petersburg
Mutispaugh, Harrold Leroy, BA 3	—Plant City
Myers, Robert Roy, BA 1	Des Moines, Iowa
Napier, Thomas Swint, Ag 1	Miami
Nasrallah, Samuel Andrew, BA 3	—Jacksonville
Neel, John Stephens, AB 1	High Springs
Neff, Thomas O'Neil, T 2	Jacksonville
Nelson, Floyd James, E 5	Wiersdale
Nelson, John Marion, BA 1	Tampa
Nettles, Nadine, G	Gainesville
Nettles, William Thomas, J 1	Gainesville
Neuwirth, Phillip Alvin, L 1	Tampa
Neuwirth, Sidney, PM 2	Tampa
Neville, Joseph Hugh, BS 3	Lakeland
Newbold, John R., E 1	Crescent City
Newcome, Ed., T 2	Ocala
Newkirk, B. Fred, E 1	Tampa
Newton, George Byrd, BS 1	Palatka
Newton, Walter Phillip, BA 2	St. Petersburg
Nichols, Arthur Wellington, A 2	Palatka
Nichols, John H., ChE 2	Palatka
Nimmons, Ralph Wilson, G	St. Petersburg
Nixon, Erby Millard, PM 1	Archer
Nobles, James Edward, BA 3	Titusville
Nolan, James Henry, BA 2	Jacksonville
Norcissa, Emilio C., PM 1	Key West
Norfleet, Joe H., Ag 3	Newberry
Norfleet, Paul Judson, BS 2	Newberry
Norman, Grover Cleveland, Ag 3	Starke
Norris, Edward Robinson, AB 1	Jacksonville
North, Merle Vinton, T 2	Wauchula
Notley, Elon John, J 3	Syracuse, N. Y.
Nunez, George Tierso, BA 2	Panama City
Nuzum, Russell Kraft, PM 1	St. Augustine
O'Berry, Karlyle, L 1	Tampa
O'Connell, Phillip Dillon, L 1	Gainesville
Oliver, Alfred Lester, CE 3	Gainesville
Oliver, Don, BA 2; T 2	Kissimmee
Oliver, Wayne Carter, CE 2	Dunedin
O'Mahoney, Jeremiah Patrick, L 1	—Gainesville
O'Niell, John Belton, A 2	Palatka
O'Quinn, Charles Augustus, BS 2	Gainesville
O'Reair, Henry Garritson, BS 1	—Winter Haven
Orr, Reuben Bennett, T 3	Hartsell, Ala.
Otte, Burton John Henry, G	—Northfield, Minn.
Overstreet, Henry Wilbur, CE 3	Jamison
Owen, Marcus N., BA 3	Tampa
Owenby, Carl Lester, L 3	Lakeland
Owens, Thomas Andrew, T 4	Port St. Joe
Paderewski, Arthur Harold, BS 1	—Jacksonville
Padgett, Burness Vernon, P 3	St. Cloud
Padgett, Hanaford Duncan, BA 2	—Ruffin, S. C.
Page, Charles Van Buren, T 1	Tallahassee
Palmour, Charles E., T 1	Anthony
Pardue, Walter Wesley, EE 2	St. Petersburg
Paris, Redmon Tracy, J 1	Jacksonville
Park, Robert Howard, T 2	Atlanta, Ga.
Parker, Boyd Rescoe, A 4	Ft. Myers

Name and Classification	Address
Parker, Jack Wilmer, BA 1	Sebring
Parker, James Perkins, L 1	Jacksonville
Parnell, Edward Nelson, T 1	Jensen
Parrott, Ernest Milford, G	Cardova, Tenn.
Parsons, Carlos Theodore, J 4	Gainesville
Parsons, Tunice, Waldon, T 2	Gainesville
Partin, Charles Sharrol, T 1	Graceville
Pasco, Samuel, AB 2	Pensacola
Patrick, James Fairchild, T 1	Ft. Myers
Patten, George Lloyd, T 2	Bushnell
Patterson, Dan Enock, T 1	Auburndale
Patterson, John Gordon, BS 1	Dunnellon
Patterson, Russell Andrew, E 1 —New Port Richey	
Payne, Aimar Waldemar, EE 4	Quincy
Peacock, Albert Junior, BS 1	Coconut Grove
Peacock, Alton Theodor, T 2	Tampa
Peacock, J. Troy, T 2	Marianna
Peacock, Otis Lee, PM 2	Altha
Peacock, Wilburn Hiram, PM 2	Perry
Peacon, Oscar Lee, PM 1	Miami
Pearce, Fred Wayne, A 1	Tampa
Pearce, Leighton Huske, P. M. 1 —St. Petersburg	
Pearson, Siebert Clinton, BS 2	Alachua
Pease, Theodore Kenneth, Ag 2	Okeechobee
Pederson, Robert William, BA 1	Bartow
Peel, Henry, G	Mt. Rainier, Md.
Pegg, John William, L 1	Hernando
Pence, Leland Hadley, AB 1	Jacksonville
Pendergrass, Sanford Harvey, T 1; E 1 —Macon, Ga.	
Pendino, Joseph Achille, PM 1	Tampa
Pepper, Louis Calvert, T 2	Gainesville
Pepper, William Mullin, L 4	Gainesville
Perkins, Marion D., BA 4	Gainesville
Perlman, Soloman Jay, ChE 2	Jacksonville
Perloff, Ben, AB 4	Jacksonville
Perloff, Lewis, BS 1	Jacksonville
Permenter, Eugene Lawrence, PM 1 —Jacksonville	
Perrine, George Alden, BA 3	Miami
Perry, Gaylord D., AB 1	Haines City
Perry, James Roe, AB 3	Live Oak
Perry, Thomas Edwin, T 2	Daytona
Perry, Vergil M., BA 2	Jacksonville
Perry, William Geddes, E 1	Miami
Pert, Raleigh Bethel, E 5	Palatka
Peters, Paul Edward, T 2	Chipley
Peterson, Frank Lon, AB 3	Miami
Peterson, Laurence Roland, Ag 1 —Ft. Lauderdale	
Petray, Forrest Lee, AB 1	Miami Beach
Petris, Willis Edward, BS 3	Oakland
Petroutsa, Anthony John, T 2	Jacksonville
Pfaff, Edward Platt, PM 2	Jacksonville
Pheil, Harvey William, BA 3	St. Petersburg
Pheil, Clarence Elmer, T 1	St. Petersburg
Phillips, Cecil Robert, L 1	Live Oak
Phillips, Enoch Bothwell, L 1	Bartow
Phillips, George Whitfield, BS 3	Lakeland
Phillips, Jack Orison, T 1	Jacksonville
Phillips, Mile Marion, AB 2	Jobstown, N. J.
Phillips, William S., L 3	Tampa
Philpott, Frank Excell, T 1	St. Cloud
Pierce, Harvey Fenn, E 1	W. Palm Beach
Pilcher, Ray, T 1	DeFuniak Springs
Pillsbury, Hugh Augusta, A 2	Jacksonville
Pinney, Charles Bartlett, AB 1	Ft. Myers
Platt, William Zachary, L 3	Arcadia
Pogue, Cyril E., L 4	Orlando
Poleman, Theodore Edward, PM 1	Miami
Polites, Nicholas, PM 2	Jacksonville
Pond, Johnathon, Ag 1	Frost Proof
Pooser, William Elmer, AB 2	Lake Wales
Pope, Willard Marion, T 2	Ft. Lauderdale
Poppell, Edgar Broward, BS 1	Ft. Pierce
Porter, Joseph Yates, BA 3	Key West

Name and Classification	Address
Portwood, Delmar Leo, T 2	Ft. Lauderdale
Potter, David Wilfred, A 3	St. Augustine
Potts, Joseph Dascomb, AB 1	Gainesville
Pound, Aubrey James, EE 2	St. Augustine
Powell, Charles Arthur, BA 1	Ft. Myers
Powell, Thomas Cole, BS 2	Jacksonville
Powell, Zeb Vance, BS 2	Red Springs, N. C.
Pratt, James Clifford, P 2	Tallahassee
Presley, John Thomas, T 2	Miami
Presstman, George, T 1	St. Petersburg
Presstman, Peter Stoner, E 1	St. Petersburg
Prevatt, Myron Chalker, AB 2	Jacksonville
Price, Edward Theodore, BS 2	Tampa
Price, Hal, E 1	Gainesville
Price, Herman Charles, BA 5	Orlando
Price, Joseph Edwin, T 3	St. Petersburg
Pricer, William Edgar, BS 1	Winter Haven
Preister, Harold F., T 1	Lake Butler
Prior, Horace, BS 1	W. Palm Beach
Pritchard, George Edward, E 1	Plant City
Pritchard, Julian Morris, A 4	Jacksonville
Proctor, Carlos Ray, T 1	Tampa
Proctor, John Hillary, Ag 5	Conway, S. C.
Provost, Marshall Breese, BA 4	Cocoa
Prunty, John William, AB 2	Miami
Pugh, Frank Henry, PM 2	Laurel Hill
Pullen, Charles Thomas, BA 1	Gainesville
Pumpelly, Jack Willett, CE 3	Jacksonville
Purcell, Wallace J., P 1	Ball Ground, Ga.
Purcell, Woodson Nicholas, P 5 —St. Petersburg	
Purvis, Ernest R., G	Florence, S. C.
Putnam, Howard Line, BA 3	Miami
Qually, Rueben Orlando, BA 2 —Daytona Beach	
Quillian, Claude Bernard, BA 1	Coral Gables
Quinlan, Thomas Settle, BA 2	Gainesville
Rabinowitz, Leon, AB 1	Gainesville
Ragans, James Raleigh, BA 1	Madison
Ragans, Waldron Carlyle, BA 1	Lee
Rahner, Clarence Victoe, G	Akron, Ohio
Rainey, Morton Henry, L 1	Jacksonville
Rains, Baxter Smith, BA 1	Atlanta, Ga.
Ramsey, Allan Collier, L 4	Tampa
Ramsey, James Andrew, T 1	Bristol
Rape, Vernon J., T 2	Gainesville
Rasch, Delmar Albert, T 2	Lake Worth
Rasmussen, Gene Scott, T 1 —W. Palm Beach	
Raulerson, Leamon William, Ag 3; T 3 —Crescent City	
Rauzin, Moses, AB 1	Miami
Rawls, Vernon Charles, L 1	Gainesville
Ray, William Newton, L 3	Pensacola
Rayburn, James Ghostly, BA 1	St. Augustine
Raysor, Clifford Royston, AB 1	Loughman
Reaves, Fred Charles, EE 2	Jacksonville
Redding, Robert Lovis, AB 1	Orlando
Redell, Archibald E., AB 2	Palatka
Reece, John William, T 1	Tallahassee
Reed, Howard Vincent, BS 1	Tampa
Reeder, William Richey, BS 1	Miami
Reese, John Lewis, L 4	Gainesville
Reeves, Alex Donald, T 3	Gainesville
Reeves, Louie Milford, BS 1	Miami
Register, Alton Augustus, CE 4	Ft. Pierce
Register, Oliver Clingmon, PM 1 —High Springs	
Reiber, Felix Anthony, Ag 3	Jacksonville
Reid, John Arthur, A 5	Miami
Reitz, Fred Jerome, Ag 1	Tavares
Rencher, Robert Crawford, T 2 —Winter Park	
Renfro, Ray Hornor, A 1	Tampa
Renfroe, James David, ME 4	Lake City
Reynolds, Frank J., Ag 4	Marshall, Ill.

Name and Classification	Address
Reynolds, Howard Clark, J 2	Vero Beach
Rhea, William Alexander, Ag 1	Umatilla
Rice, Carl Thomas, E 1	Umatilla
Rice, George Tullius, PM 1	Miami
Rice, James Gordon, BS 1	Monticello
Rice, James Mitchell, CE 4	Welch, W. Va.
Rice, Jefferson L., BA 4	Bradenton
Rice, Joseph Davies, BA 3	Gainesville
Rice, Owen ChE 2	Orlando
Rice, William Parke, PM 2	Pensacola
Richards, Benjamin Pierpont, L 3	—Gainesville
Richards, Bennett Wyman, J 2	Orlando
Richards, J. L., L 4	Tampa
Richards, James Wilson, Ag 2	Baker
Richards, Virgil Long, BS 3	Orlando
Richardson, Horace Edward, E 1	—Miami Beach
Richardson, Hugh Bracey, L 1	Sarasota
Richardson, Linton A., G	O'Brien
Richbourg, Clinton Cyrus, Ag 1	Crestview
Richeson, Stuart Hord, AB 2	Jacksonville
Ridenour, Hawley Ernest, BA 4	Gainesville
Rider, Manning C., T 4	Gainesville
Ridge, William Monteith, Ag 5	Bartow
Rifkin, Louis B., L 4	Miami
Rigby, William Orville, BS 1	Coconut Grove
Ringling, Henry Ellsworth, BA 4	Gainesville
Ripley, Wayne Eugene, L 4	Jacksonville
Rippey, Andrew Douglas, PM 1	Gainesville
Rish, Herbert, P 1	Winahitchson
Rivers, Byron Tedd, A 1	Kissimmee
Rivers, Thomas Judson, L 3	—Green Cove Springs
Rivers, William Jones, BA 2	Lakeland
Robb, Allen Thomas, CE 4	Ft. Pierce
Robbins, Arnold Irving, BS 2	Gainesville
Robbins, John Alfred, T 3	Sydney
Roberts, Clayton Tunstable, T 2	Gainesville
Roberts, Marvis, P 1	Trenton
Roberts, Nathan J., L 4	Daytona Beach
Roberts, William Harold, AB 4	Homestead
Robertson, William D., AB 2	Milton
Robinson, Hendrix S., Ag 4	Ft. Pierce
Robinson, Jack Finley, PM 1	—Blytheville, Ark.
Robinson, Lewis William, CE 2	Coral Gables
Robinson, William Everett, T 2	Palmetto
Robson, Frank Young, PM 1	Tampa
Robuck, Ernest P., BA 1	Jacksonville
Roche, Irving Monrose, BA 1	Vernon
Rockwell, Daniel Thomas, A 5	Gainesville
Roe, Wilson Singleton, ME 2	Gainesville
Roe, Wesley William, Ag 1	Plant City
Rogers, Frazier, G	Gainesville
Rogers, John Tilden, BS 2	Gainesville
Rogers, Lewis Henry, E 1	DeFuniak Springs
Rogers, Nathan Jewett, EE 4	—DeFuniak Springs
Rogers, Norman Beldin, BA 2	Jacksonville
Rogers, Thomas Albuertus, BS 1	Hastings
Rogers, Wilson N., BA 2	Clearwater
Rollins, De Witt F., G	Gainesville
Romph, Edward, Coleman, AB 2	Miami
Romph, William Culbertson, BA 4	Miami
Rosenberg, Morris, L 1	St. Petersburg
Ross, John A., Ag 3	St. Petersburg
Ross, N. Donald, Ag 3	St. Petersburg
Rosser, John Barkley, BS 4	Jacksonville
Rossetter, Appleton Thomalson, AB 3	—Eau Gallie
Rossetter, James Wadsworth, T 2	Eau Gallie
Rothfuss, Richard Russell, T 3	Bradenton
Rothstein, Abe, L 3	Jacksonville
Rou, Leonard L., Ag 1	Lowell
Rozear, Robert L., BA 3	Pensacola
Roundtree, James Barney, BA 1	Chipley
Rowan, Fred, PM 1	Ft. Pierce

Name and Classification	Address
Rowe, Walter Thompson, T 2	Jacksonville
Rowell, John Theron, T 3	Perry
Royce, Wilbur E., T 1	Lake Worth
Russ, Chester Alton, J 1	Orlando
Russell, Carlos Lee, BS 1	Miami
Ruth, Paul, PM 1	Gainesville
Ryan, Henry Ward, AB 1	Trenton, N. J.
Ryboldt, Howard Roy, E 1	Orlando
Ryder, Ralph Bennett, E 1	Miami
Safer, Moe Ben, L 1	Jacksonville
Saghatelian, Barkev Krikor, A 1	Gainesville
Sage, Andrew H., AB 2; Ag 2	—Tarpon Springs
Sale, E. Hewett, P 1	Melbourne
Salley, George Lawrence, AB 2	Tallahassee
Saloman, Morris Seymour, L 3	Orlando
Salzer, George Victor, Ag 2	Jacksonville
Salzer, William Wechsler, BS 2; T 2	—Jacksonville
Sammons, Harold Douglas, BA 1	Tampa
Sample, Richard Lardner, BA 3	Ft. Pierce
Sanchez, George Warren, BA 1	Live Oak
Sanders, J. L., EE 2	Tampa
Sanderson, David William, T 1	—W. Palm Beach
Sands, James Alexander, EE 2	Sanford
Sands, Orilas Leslie, BA 3	Orlando
Sanford, Ralph Shelby, BS 1	Quincy
Sanger, Johnnie Lonas, ME 3	Minneola
Sansbury, Walter Ewing, BS 2	—W. Palm Beach
Sapp, Benjamin James, T 2	Mulberry
Sapp, Herbert Patton, E 1; T 1	Panama City
Sargeant, Jos. Chester, P 1	Lakeland
Sarra, Ernest Lamar, L 4	Pensacola
Sasnett, Henry Harris, AB 1	Jacksonville
Sauls, Charles Edward, T 2	Tallahassee
Savage, Francis Church, E 1	Eustis
Sawyer, Aubrey Dane, A 3	Jacksonville
Sawyer, James E., Ag 4	—Mont St. Clair, N. J.
Scadron, Ivis Josef, L 1	Tampa
Scaglione, James T., P 2	Tampa
Scaglione, Peter Cammaratta, BA 4	Tampa
Sciutti, Walter John, G	Jacksonville
Schiller, Carl Parker, T 3	St. Petersburg
Schirard, John Rogero, L 1	Sanford
Schirmer, Ernest Edward, AB 1	Miami
Schmidt, Jule Erhardt, CE 2	St. Petersburg
Schoenborn, Robert Morton, E 1	Tampa
Scholze, Robert Ellis, L 3	Miami
Schuler, Paul Edward, EE 2	Branford
Schulting, Louis B., J 3	Gainesville
Schwab, Walter Henry, BA 1	Miami
Schwartz, Dan Richard, L 1	Jacksonville
Schwartz, Harold, BA 1	Jacksonville
Schwartz, Joe, L 4	Miami
Schwartz, Leon Julius, PM 2	Tampa
Schweitzer, Edward Oscar, T 1	Homestead
Scofield, George Walter, T 3	Inverness
Scofield, Orlando Frank, BS 1	Inverness
Scott, Felton Winfield, AB 1	Luverne Park
Scott, John Marcus, G	Gainesville
Scott, Russell Morgan, BA 3	Sebring
Scott, William Curtis, BA 1; Ag 1	—Haines City
Scotten, John Lewis, T 4	Gainesville
Sears, William Joseph, L 4	Gainesville
Seasted, Harold Frederick, BS 2	—Eveleth, Minn.
Seay, Homer Houston, J 1	W. Palm Beach
Seely, H. J., BA 1	Tampa
Seivert, Ernest E., BS 1	Winter Park
Seivert, Hugh Augustus, AB 2	Orlando
Selle, Paul Theodore, BS 1	Gainesville
Sellers, Glennan David, BS 2	Miami
Setz, Thomas Burke, EE 2	Tampa

Name and Classification	Address
Sewell, Robert Oliver, BS 4	Gainesville
Shafer, Paul Lamarr, BA 2	Daytona Beach
Shahinian, Manoug Haroutune, EE 2 —Gainesville	
Shannon, G. Melvin, J 3	St. Petersburg
Sharp, Hiram Felix, CE 3	Jacksonville
Shaw, LeRoy, BA 1	DeFuniak Springs
Shaw, William Henry, T 4	Adairsville, Ga.
Sheffield, Lexington Odette, BA 4	Dover
Shelfer, Jefferson Bates, BA 1	Quincy
Shepard, Clyde Russell, Ag 3	Wauchula
Sheppard, Charles Richard, AB 1 —Jacksonville	
Sher, Paul Joseph, BS 1	Sarasota
Sherman, John Henry, BA 2	Panama City
Sherry, Byron Paul, BS 1	Waverly
Shimp, Robert Charles, G	Jacksonville
Shipp, Alvin Campbell, BA 1 —Chattanooga, Tenn.	
Shirley, John Jasper, Ag 3	Bradenton
Shiver, Kenneth Edgar, E 1	Pompano
Shook, Robert Leroy, EE 2	Stuart
Shoun, Herbert, E 5	Tampa
Shrigley, James William, P 1	Lake Wales
Shuler, Jay Alfred, L 1	Hosford
Shuman, Leland Jackson, EE 2	Lakeland
Sigmann, Edmund Ball, AB 2	Lake Worth
Sikes, Ardry Lyon, PM 2	Tampa
Sikes, Robert Fulton, G	Sylvester, Ga.
Silsby, Harry Z., BS 2	Gainesville
Silsby, Lincoln Washington, T 1 —Coronado Beach	
Silverman, Sam, L 4	Miami Beach
Simmons, G. Ballard, G	Ponce De Leon
Simmons, Louis Winford, P 1	Daytona Beach
Simmons, William P., AB 1	Jacksonville
Simpson, Arthur Allen, L 3	Jacksonville
Sims, Charles Owsley, EE 2	Miami
Sims, William Harris, EE 3	Fernandina
Singletary, George Lee, AB 2	Kissimmee
Singletary, James R., T 3	High Springs
Sinquefield, James Rufus, BA 1	Ocala
Sipperell, Murray Clayton, Ag 3	Palatka
Skaggs, Kenneth Gordon, BS 1	Sarasota
Skeels, Norman Arthur, A 4	DeLand
Skipper, Joseph Kingston, BA 2	Jacksonville
Slavin, Sam, T 2	Miami
Slough, Sam Osborne, Ag 2	Dade City
Small, Arthur Polhill, BA 1	Jacksonville
Smedley, William George, CE 3; T 3 —Jacksonville	
Smith, Allen Lowd, L 4	New Smyrna
Smith, Bernys Holland, J 3	Lakeland
Smith, Clarence Edward, BS 1	Jacksonville
Smith, Daniel Carl, BA 1	Center Hill
Smith, David Clair, L 4	Wabasso
Smith, Donald William, PM 2	Miami
Smith, Elmer Fleming, BA 3	Jacksonville
Smith, Elton, AB 2	Jacksonville
Smith, George Garrison, P 4	Sanford
Smith, George Hoffman, G	Gainesville
Smith, George Rosse, CE 2	Coronado Beach
Smith, Guy Frederick, T 3	Altoona
Smith, George Thomas, Ag 2	Winter Garden
Smith, Helman, P 3	Jacksonville
Smith, Ivan Huron, A 4	Hastings
Smith, James Madison, AB 2	Reddick
Smith, Joseph G., G	Plant City
Smith, J. Wallace, T 2	Wauchula
Smith, Kenneth Hartman, P 1	Lakeland
Smith, M. M., T 2	Winter Park
Smith, Nedam Eugene, BS 2	Gainesville
Smith, Ottis Effler, Ag 1	Oneca
Smith, Platt Thadeus, BA 1	Mulberry
Smith, Raymond Leroy, EE 3	Jacksonville
Smith, Robert Edward, E 1	Miami
Smith, Thomas Elzie, AB 1	Panama City
Smith, Walter Earl, Ag 1	Delray
Smith, William Jordon, Ag 1	Winter Haven
Snyder, Harry Maurice, BA 1	St. Augustine
Snyder, Louis Frank, E 1	Miami
Snyder, John Lynn, BA 1	Tampa
Soar, William Stanton, AB 1	Miami
Sobol, Hyman Burton, T 2	Gainesville
Sompayrac, Lauren McCall, BS 2 —Jacksonville	
Spann, Emmett Britton, E 1	Holopaw
Spann, Herbert W., E 1	Marianna
Sparkman, Heyward, BA 1	Plant City
Sparkman, W. B., BS 1	Plant City
Speh, Paul Edward, E 1	Jacksonville
Spencer, Allen William, P 1	Sarasota
Sperling, Max Franklin, PM 1	Miami
Spradley, James Edwin, PM 2	Crestview
Spurlock, Alvin Harold, T 2	Munson
Stadler, John Buchan, BA 3	Jacksonville
Stadel, Harold Orrin, BA 1	Bradenton
Stamp, Thomas Leroy, E 1	Sanford
Stanley, Richard Hopkins, E 1	Orlando
Stanley, Dennis Keith, T 4	St. Cloud
Stanly, George Booth, L 3	Ft. Lauderdale
Stanly, Richard Lee, L 4	Ft. Lauderdale
Stansfield, Charles Alfred, P 1	Wauchula
Stanfield, William Ashton, ME 2	Tampa
Starling, Sylvester Samuel, BS 1	Orlando
Starnes, Finis E., L 1	Ft. Myers
Stearns, George Leslie, Ag 4	Jacksonville
Steed, Arthur Lee, AB 2	Kissimmee
Steele, James Henry, BA 2	Tampa
Steen, John Probert, BA 2	St. Cloud
Steen, Vernon C., G	Gainesville
Stenstrom, Amialer, G	Wauchula
Stenstrom, Eric Corr, L 1	Wauchula
Stephens, Bunyan McClure, T 1	Tallahassee
Stephens, Carl Wilson, T 4	Ona
Stephens, Henry Adolph, BA 2	Sarasota
Stephens, Norbert, T 1	Monticello
Stephens, Willis Little, AB 1	Jacksonville
Stephenson, Ray W., PM 2	Pittsburgh, Kan.
Sternberg, Sam, PM 2	Starke
Stevens, Larry C., AB 2	Springfield, Ill.
Stevens, Luther Davis, AB 1 —Homosassa Springs	
Stevens, William Garrett, BS 2	Gainesville
Stewart, A. Courtney, A 3	Ft. Lauderdale
Stewart, Arthur Edward, L 4	Coconut Grove
Stewart, James Arthur, T 1	Naples
Stewart, Harry W., T 2	Jacksonville
Stewart, Robert Wilson, Ag 1	Leesburg
Stewart, Selden Lewis, ME 2	La Belle
Stewart, Thomas Nichols, AB 2	Vero Beach
Stock, Joseph Clyde, T 2	Interlachen
Stoddard, Guy Russell, PM 1	Miami
Stokes, J. P., L 1	Miami
Stokes, William Ellis, BS 1	Moultrie, Ga.
Stone, Alden George, ME 3	Tampa
Stone, Bryant Mason, P 2	St. Petersburg
Stone, Leo Kalervo, PM 1	Pierson
Stone, Nobbie Higdon, AB 2	Port St. Joe
Stone, Ralph Robertson, CE 2	Miami
Stone, Wilbur Charles, L 3	St. Petersburg
Stowers, Joseph Mahlon, T 1	Waldo
Strickland, Edgar Vann, P 2	Colquilt, Ga.
Strickland, Wilbur Hague, ME 2	Pierce
Strickler, Ira Wilbur, E 1	Miami
Stringer, Orum K., P 2	Lakeland
Strode, Harmon E., T 2	Green Cove Springs
Strom, William Wilfred, BA 2	Quincy
Strout, Randolph Ernest C 2	St. Petersburg
Sturges, Wilton, BS 1	Ft. Lauderdale
Sturn, Gerald Wilson, AB 2	Sarasota
Sullivan, Dwight Lyman, BA 5 St. Matthews, S. C.	
Sult, William Marion, L 1	Lakeland
Summers, Adolphus Eugene, L 1 —High Springs	
Sutcliffe, Roland Alton, BA 2	Miami

Name and Classification	*Address*
Swaine, Jack Robert, E 1	Pensacola
Swaya, Sam Jonathan, BA 1	Jacksonville
Swearingen, William Bailey, AB 1	Bartow
Sweat, Thomas William, T 1	O'Brien
Sweat, Wesley Albert, CE 3	Mulberry
Sweeting, Benjamin, A 2	W. Palm Beach
Swett, Charles Reavis, BS 1	Warrington
Swink, William Marion, L 4	Woodruff, S. C.
Swoope, Henry Corbin, BS 1	New Smyrna
Takahashi, Nelson, ChE 3	Gainesville
Talbert, Merrill Edgar, AB 1	Vero Beach
Taylor, Andy Dewey, T 1	Ft. Green
Taylor, Calffrey Wilder, BA 3	Plant City
Tedder, Warren Louis, L 1	Live Oak
Tedder, Paul Matthew, E 1	Canal Point
Tenney, A. Webster, T 2	Ten Mile, W. Va.
Theobald, F. William, PM 2	Orlando
Thoburn, Robert, P 1	Daytona Beach
Thomas, Carey Judson, BA 2	Jacksonville
Thomas, John Henry, BS 2	Gainesville
Thomas, John Washington, P 1	High Springs
Thomas, Phillip Everett, BA 1	Gainesville
Thomas, Richard Greene, Ag 2	Palm Harbor
Thomas, Walter Lawrence, L 3	Palm Harbor
Thomas, William Reuben, BA 1	Gainesville
Thompson, Arthur Rumford, AB 3	—St. Petersburg
Thompson, Pierce John, BS 1	Gainesville
Thompson, Robert Alden, E 1	Miami
Thornal, Benjamin Campbell, L 3	Orlando
Thornhill, James Washington, BA 2	—Lake Wales
Thornton, Albert Sharp, BA 1	Tampa
Thorp, Rebetha Frank, PM 2	Lakeland
Thrower, Frank Briggs, L 4	Quincy
Thurston, Joe Marion, T 1	St. Petersburg
Tilden, Frederick Theodore, BA 1	—Winter Garden
Toffaletti, Louis, BS 1	Ocala
Tolbert, Benjamin Arthur, G	Gainesville
Tomlinson, Laurence Wells, L 1	Lake Wales
Tompkins, Harold Irwin, BS 2	Tampa
Tooke, Harry Eugene, BS 1	Clearwater
Toole, John Cleghorn, T 1	Tampa
Toomer, Chester Holmes, T 1	Jacksonville
Toomer, Jack, AB 1	Jacksonville
Torian, Frank Fleming, AB 1	Miami
Tower, John Ballard, PM 2	Homestead
Towles, Alton Myers, L 3	Crawfordville
Towles, Dan Q., BS 1	Meggetts, S. C.
Trafton, David Calvin, EE 3	St. Petersburg
Trainor, Charles Franklin, CE 4	—Daytona Beach
Traxler, Leon William, L 4	Alachua
Traylor, Charles Simcox, BA 2	Jacksonville
Tredwell, Thus Andrew, G	Aucilla
Trice, William Walter, BA 1	Tampa
Trogden, Richard P., BS 4	Melbourne
Trottman, Warren Ellis, T 3	Gainesville
Troxler, Lanas Farlan, AB 1	Ocala
Troxler, Walter Garett, L 3	Ocala
True, Bert, G	Buffalo, Mo.
Tucker, Cecil Argyle, T 1	Christmas
Tucker, Woodson C., BS 4	Miami
Tugwell, Wilton, PM 1	Pensacola
Tully, Albert Paul, T 2	Tallahassee
Tunnell, Jack H., T 1	Palatka
Turner, Drew Henry, PM 1	Ocala
Turner, Edward Eugene, L 4	Lecanto
Turner, Glover Manuel, L 4	Jacksonville
Turner, James Wilcox, P 2	Cedar Keys
Turner, Jesse Lee, T 2	Jacksonville
Tye, William Gosper, AB 3	Ft. Pierce
Tyson, Walter Leon, BS 1	Narcoossee
Uchoa, Jose Mendonca, Ag 5	—San Paylo, Brazil
Ufford, Joel Curtis, EE 3	Winter Park

Name and Classification	*Address*
Underbill, Marion Reeves, BA 3	Barberville
Underwood, Robert Fryer, AB 1	—Winter Garden
Unrich, Robert Clinton, BA 2	—Daytona Beach
Untreiner, Royal J., L 3	Pensacola
Usborne, Albert F., T 1	Miami
Vaccaro, Joseph Anthony, L 1	Tampa
Valdes, Joseph Anthony, PM 1	Key West
Van Brunt, William Oscar, BS 2	Tallahassee
Van Brunt, Richard Henry, T 1	Tallahassee
Vandergrift, Henry Flagler, T 1	—Crescent City
Van Hyning, Oather C., BS 4	Gainesville
Vanderhulse, Kenneth Inman, AB 1	—Auburndale
Vanderipe, John Fisk, L 4	Bradenton
Van Sickle, Dale Harris, T 3	Gainesville
Varn, Myron Macfie, Ag 3	St. Augustine
Vaughan, Harold Eugene, BA 2	Gainesville
Vaughan, Sam D., BS 1	Tampa
Vega, Celestino Camilo, L 4	Tampa
Verri, Joe, T 1	Tampa
Ve Verka, Richard Dale, T 4	Manatee
Vickery, Charles Lelon, BA 1	Panama City
Vincent, Wirt Jackson, EE 2	Lecanto
Vining, Eugene Townsend, PM 1	Tampa
Vogler, William Charles, T 5	Gainesville
Volley, Karl Warren, BS 1; BA 1	—St. Petersburg
Voorhees, Richard Kenneth, Ag 3	—Cantonment
Wade, Edie Berry, BS 1	Tampa
Wahl, Harold Barksey, AB 3	Cocoa
Wahl, John H., AB 2; T 2	Cocoa
Wagner, Marion L., A 1	Chuluota
Waid, Donald Kellan, A 1	Palatka
Wakefield, George Norton, G	Apalachicola
Wakefield, John Wesley, E 1	Apalachicola
Walcutt, Henry Leeds, Ag 5	St. Augustine
Walcutt, William Child, E 1	St. Augustine
Walden, Robert Lee, A 3	Ft. Meade
Waldron, Jesse Calvin, T 1	Chiefland
Walker, Charles Frantz, Ag 3	Miami
Walker, Charles Hamilton, BA 1	Pensacola
Walker, Clifford Julius, J 1	Bradenton
Walker, Robert Ellsworth, CE 2	Whitney
Walker, Shade Wilson, L 1	Tampa
Walker, Solomon Lloyd, T 5	Perry
Wall, Samuel Maupin, E 5	Gainesville
Wallace, Howard Keefer, BS 4	St. Petersburg
Wallace, Julian Howard, G	Gainesville
Wallace, Samuel D., AB 4; L 4	Gainesville
Walrath, Laurence Kaye, AB 2	—Keystone Heights
Walsh, Stephen Eldon, T 1	Davis Island
Walsh, Tracy Ryan, EE 3	Pensacola
Walters, Velton, T 1	Holopaw
Walton, Fred James, T 1	St. Augustine
Walton, William Marion, E 1	Pompano
Wampler, Sam, T 1	Miami Beach
Ward, Ernest Marvin, Ag 1	Winter Park
Ward, Fred Curtis, G	Eustis
Warfield, Wayne, PM 1	Tampa
Warren, DeWitt Eckler, BA 2	Sarasota
Warren, Frank M., T 1	Perry
Warren, Richard, T 2	Wewahitchka
Waring, Charles William, E 1	Tampa
Warnock, Harry C., BA 1	Jacksonville
Washer, Frank Kern, BA 2	Lakewood, Ohio
Wass, Howard Frederick, BA 3	Miami
Waters, Dale Bernard, T 2	Titusville
Waters, John Douglas, Ag 2	Muscogee
Watford, Glen Angus, P 1	Graceville
Watkins, Jim, BA 2	Llano, Texas
Watkins, John V., G	Lakeland
Watrous, Charles W., BS 1	Des Moines, Iowa

Name and Classification	Address
Watrous, Thomas M., L 1	Tampa
Watson, Clare John, T 5	Ft. Meade
Watson, Clarence Newton, Ag 4 —St. Elmo, Tenn.	
Watson, Forrest Edward, T 1	Clearwater
Watson, J. E., BS 1	Pensacola
Watson, William Bedford, L 1	Jacksonville
Waugh, Joseph Edward, CE 4	Gainesville
Way, Caryle Symons, Ag 1 —South Euclid, Ohio	
Weaver, Richard Allen, T 1	Gainesville
Webb, Alex Lee, EE 3	Tallahassee
Webb, Herbert Mitchell, AB 1	Lakeland
Webb, Robert Hamilton, Ag 1	Winter Haven
Webb, Thomas Roba, EE 3	Winter Garden
Weeks, Howell Tucker, T 1	Trenton
Weeks, William Tucker, J 1	Newberry
Weinstein, Julian Joseph, PM 1 —St. Augustine	
Weis, Henry Mahlon, BA 1	Pensacola
Welch, Arnold DeMerritt, P 3	Zephyrhills
Welles, Benjamin, BA 2	Arcadia
Welling, Frederick A., BA 3	Babson Park
Wells, Gurdon Henry, T 4	Gainesville
Wells, Mrs. Idella, T 4	Gainesville
Wells, Sidney Wilson, Ag 2	Winter Haven
Wenger, Wayne Rice, G	Saginau, Mich.
Werner, Harold Willard, G —New London, Wis.	
Wernokoff, Leonial X., BS 1	Jacksonville
West, Erdman, G	Gainesville
West, James Walton, T 1	Bushnell
West, Thomas Franklin, L 3	Gainesville
Westbury, Harry Alonzo, T 1	Gainesville
Westmoreland, Wade Heiskell, PM 2 —Los Angeles, Calif.	
Wettstein, Max Elbert, BA 2	Orlando
Wettstein, Otto, AB 4	Orlando
Wheaton, Frank Remington, BS 2 —Painted Post, N. Y.	
Wheeler, Joseph Augustus, T 3	Gainesville
Whidden, Ossie Lamar, Ag 1	Wauchula
Whiddon, Jimmie Clayton, BA 3 —Chattahoochee	
Whiddon, Russell Dyal, T 1	Gainesville
White, Al Ray, BA 1	Tampa
White, James E., T 1	Tampa
White, Millard Brown, PM 1	Bradenton
White, Richard Willis, AB 2	Sebring
White, Robert Norman, BA 2	Mt. Dora
Whiteley, Miles J., EE 4	Miami
Whitesides, Thurman Andrew, T 1	Miami
Whitesides, William Robert, P 1 —Ft. Lauderdale	
Whitfield, William Knott, T 1	Tallahassee
Whiting, Wallace Lionel, E 1	Ocala
Whittam, Benjamin, BA 2	Bradenton
Wiggert, Dohren William, BA 1	Chicago, Ill.
Wigginton, A. Murray, BA 3	Miami
Wigginton, John T., T 3	Miami
Wiig, Lawrence Maron, BS 4	Ft. Lauderdale
Wilder, Wallace Livingston, BA 4	Knights
Wilensky, Joseph S., AB 3	Jacksonville
Wilkinson, Carroll Warren, T 1	Hastings
Wilkinson, Robert William, T 1	Jasper
Will, George Arthur, PM 2	Keystone Heights
Willes, Errol Shippen, L 3	Jensen
Williams, Ashbel Cotten, BS 2	Jacksonville
Williams, Bruce Wade, T 2	Punta Gorda
Williams, Charles Ashton, AB 3	Miami
Williams, Clemmie Banks, Ag 2	Sebring
Williams, David, BA 1	Jacksonville
Williams, Donald Grant, PM 1	Tampa
Williams, Donald Kistler, BA 1	Tampa
Williams, Edwin L., T 3	Ft. Meade
Williams, Edwin Lacy, T 2	Williston
Williams, Gordon Lee, E 1	Jupiter

Name and Classification	Address
Williams, Herbert Leroy, T 1	Jacksonville
Williams, Jack Davis, L 1	Tampa
Williams, John Franklin, G	Monticello
Williams, Kenneth Rast, T 4; G	Monticello
Williams, James Monroe, T 1	Graceville
Williams, Nat Lawrence, L 4	Miami
Williams, Norman Eric, BS 3	Seville
Williams, Richard Sugden, J 2 —Toronto, Canada	
Williamson, Ferdinand Leroy, T 1	Woodville
Williamson, J. D., T 1	Chattahoochee
Willis, Walker Dorr, A 2	Pensacola
Willits, Hewitt Wilson, BA 1	Orlando
Willits, Ralph C., CE 2	Stuart
Wilmot, Royal James, G	Loughman
Wilson, A. E., AB 3	Bradenton
Wilson, Donald Powell, G	Hettinger, N. D.
Wilson, George Thomas, CE 3	Sanford
Wilson, Horace S., L 4	Gainesville
Wilson, John W., E 5	Sanford
Wilson, Lloyd, J 2	Tampa
Wilson, Parker Thomas, P 2	Frost Proof
Wilson, Pettus Kinnebrew, E 4	Jacksonville
Wilson, Verne Edmund, PM 2 —Hettinger, N. D.	
Wind, Andrew Elmer, T 1	Sarasota
Winderweedle, William Elbert, L 1	Mayo
Wingate, Homer Dewitt, BA 5	Barney, Ga.
Wingert, Earl Perry, ChE 4 —Punxsutawney, Pa.	
Windhovel, Carl Ernest, BS 1	Lake City
Wing, Kenneth Milam, T 1	Bayard
Winston, Cornelius Ellis, E 1	Ocala
Wise, Jacob Hooper, L 4	Gainesville
Wolbert, Frank, BS 3	Winter Park
Wolf, George Raymond, BS 2	Orlando
Wolfe, Jospeh Emmet, L 1	Miami
Wolfe, William Calvin, BS 1	Jacksonville
Wood, Harry Evans, G	Evinston
Wood, Oresta Lee, BS 1	Baker
Woodberry, Nixon Lester, BA 2	Quincy
Woodberry, Robert McTyer, AB 3	Orlando
Woodruff, Hiram Toliver, G	Louisville, Miss.
Woods, James Pasco, L 1	Perry
Woodward, William Edward, L 1	Quincy
Woodward, Walter Howell, AB 1	Marianna
Wooten, J. D., T 1	DeFuniak Springs
Wooten, Robert Carter, BA 1	Tampa
Workizer, John Charles, T 2	St. Petersburg
Worthington, Howey Rice, EE 2	Jacksonville
Wright, Wallace Murphy, A 2	Lakeland
Wu, Nien Chi, Ag 5	Canton, China
Wulf, Robert Fischer, PM 1 —White Plains, N. Y.	
Wynns, Robert Kilgore, Ag 1	Montverde
Yancey, Charles Bernard, AB 3	Umatilla
Yancey, Hervey Hall, L 1	Tampa
Yancey, William Benjamin, BA 2	Umatilla
Yarbrough, Lucien Bell, L 1	Nashville, Tenn.
Yarnall, Frank Dent, ME 3	Winter Park
Yarnall, William Dent, T 1	Winter Park
Yates, Chester, T 1	Plant City
Yawn, Cecil Parker, T 3	Graceville
Yawn, Donald Hunter, Ag 4	Graceville
Yeats, Robert Sheppard, A 4	Tampa
York, Thomas Joseph, BA 2	Tampa
Young, Hugh, J 1	Everglades
Young, Rogers White, T 2	Tallahassee
Young, Vespucius Peniston, BA 2	Bradenton
Ziebe, Richard Andrew, T 1	Jacksonville
Zemp, Sidney Thornton, P 2	Camden, S. C.
Zentgraf, Robert Louis, G	New York, N. Y.
Ziegler, Louis William, Ag 3	Orlando
Zimmerman, Paul Arthur, PM 1	Miami

LIST OF STUDENTS, SUMMER 1928

Name	*Address*
Abbott, Chas. E.	Gainesville
Abbott, Edward Richard	Gainesville
Ackley, Vivien Lucile	Ashland, Ky.
Adams, Lola Louise	Ocala
Alexander, Jas. Chester	Dade City
Alexander, Mrs. Louie	Lakeland
Alexander, Nell Mitchell	Lakeland
Allen, Georgia	Bradenton
Allen, Marvis T.	Tampa
Allison, Emma Wilma	Ft. Myers
Allison, Maud	Moore Haven
Allyn, C. L.	Ruskin
Altstetter, Mrs. Mabel F.	Orlando
Amerine, Nellie R.	Arcadia
Ames, Burton Weber	Gainesville
Amick, George	Gainesville
Amrein, Werner Charles	St. Petersburg
Anderson, Mrs. Edith L.	Sulphur Springs
Anderson, Edith N.	Lake Wales
Anderson, Ewing	Gainesville
Anderson, Irwin B.	St. Petersburg
Anderson, Margaret Edith	Jacksonville
Anderson, Robert T.	Gainesville
Anderson, Mrs. Rose M.	Jacksonville
Anderson, Wm. Robert	Sulphur Springs
Andrews, Mrs. Lula E.	Gainesville
Arbic, George	Gainesville
Archibald, Robert B.	Jacksonville
Argo, Mary Emma	Ocoee
Asson, Thomas M.	Bushnell
Atkinson, A. W.	Gainesville
Atkinson, Dean D.	West Palm Beach
Atkinson, Mrs. Ethel May	Daytona Beach
Augustine, Max D.	Miami
Austin, H. Stuart	Orlando
Ayers, Fred Donald	Gainesville
Backus, Mrs. Leola	Coral Gables
Baetzman, Fred Ernest	Gainesville
Baggett, Grace Jane	Williston
Baggott, Mrs. Myrtle Marie	Gainesville
Bailey, Annie Beatrice	Port Tampa City
Bailey, Mrs. Miriam H. P.	Ft. Myers
Bailey, Mrs. Ruby	St. Cloud
Bain, Homer Andrew	Dundee
Bain, Mrs. Leila Daniels	Dundee
Bair, Russell Owen	Ft. Lauderdale
Baker, Celestea Althea	Tampa
Baker, Mrs. Genevieve	Lake Worth
Baker, Grace Lou	Arcadia
Baker, Milledge A.	Chiefland
Baker, Mrs. Roberta Lee	Leesburg
Baldwin, Mrs. Annie	Alachua
Ball, Mrs. Rebecca B.	St. Petersburg
Ballard, Elizabeth A.	Geneva
Bancroft, Theodore A.	Port St. Joe
Barco, Lottie Louise	Tallahassee
Barker, Genevieve Mead	Orlando
Barker, John Shearer	Miami
Barnes, Grace	Miami
Barnhill, Mrs. Lemma Mabel	Gainesville
Barnhill, Wm. Benjamin	Gainesville
Barnes, Mrs. Carmen Sparks	St. Petersburg
Barrineau, James Archibald	Gonzalez
Baser, Clyde J.	Myakka City
Baser, Mrs. Hazel K.	Myakka City
Bass, Joe	Tampa
Bass, Nellie	Live Oak
Bass, Nettie May	Live Oak
Bassett, Henry	Tampa
Bateman, Robert Edward	Wauchula
Baugher, Arthur Lorraine	Tampa
Baxter, Mrs Ruth H.	Gainesville
Bayly, Cyril	Clearwater
Beach, Lillie Mae	Webster
Beachem, Joe Wm.	Anastasia

Name	*Address*
Beacon, Mrs. Esther Bremer	Callahan
Beacom, Wesley Linn	Callahan
Beasley, Alice Ellen	Hawthorne
Beasley, Bryant	Umatilla
Beaty, Robert C.	Gainesville
Beaver, Dorothy Mary	Key West
Behrens, Henry	Princeton
Bell, Mrs. Hennie Lou	Gainesville
Bell, Lois	Lake City
Bell, Stuart C.	Barberville
Bell, Winifred	Jacksonville
Bellamy, Zita Charlotte	Eustis
Bellerby, Mrs. Katherina Charles	—St. Petersburg
Belton, Mrs. Lena Frank	Coleman
Bennett, Martha A.	Lakeland
Bennett, Mickie Regina	Pelham, Georgia
Benton, Mrs. Edna Irene	Plant City
Berkstresser, Mary Elizabeth	Hawthorne
Berry, Mrs. Lily May	Clarcona
Bevis, Myrtle	Bascom
Billings, Emily N.	Ocala
Bir, George P.	Miami
Bishop, Rebecca	Reddick
Bishop, Shirley	Gainesville
Bishop, Wilbur	Gainesville
Black, Mrs. Edna Mae	Coconut Grove
Blackburn, Mrs. Georgia E.	Gainesville
Blackburn, Marion Effie	Orlando
Blacklock, Mrs. Adelia J.	Gainesville
Blair, Clarice E.	Jennings
Blair, Collie	Jennings
Blair, Lottie Lee	Jennings
Blair, Wm. Stuart	Clearwater
Black, Robert Geo.	Brooksville
Blanton, Mrs. Chloe	Wellborn
Blanton, Ellis M.	Miami
Bledsoe, Ann Lorena	Tampa
Bledsoe, Mrs. Debbie E.	Lithia
Blythe, Ruth Erma	Sebring
Boardman, Edward Thorpe	Coral Gables
Boardman, Mrs. Ona Kenney	Gainesville
Bogus, Dorothy Eleanor	Ocala
Bohannon, Erma Lee	Port Orange
Booth, Donald Carr	Miami
Bosch, Mrs. Esther Olivia	Coral Gables
Bostick, Mary L.	Havana
Bowen, James Thomas, Jr.	Chipley
Bowman, Clarence Jessee	Wauchula
Boyd, Carrie Benie	Chipley
Boyd, John Mann	Clermont
Boyles, Carlos	LaCrosse
Bracewell, Louise	Ocoee
Bradshaw, Mrs. Ethel I.	Gainesville
Brady, Florence E.	East Palatka
Branch, Ada Lenora	Bushnell
Branning, Mrs. Annabelle A.	St. Petersburg
Brannon, Annie Laurie	Lake City
Brantly, Evan Thomas	Clermont
Brash, Ruth	Tampa
Braswell, Tom Mills	Monticello
Bratley, Forrest G.	Miami
Bridges, Ernest	Greenville, S. C.
Bridges, Martha	Coleman
Brinson, Verna	Live Oak
Bristol, Loris Rood	Gainesville
Bristol, Wilma Harriet	Gainesville
Brittle, George Wm.	Brooksville
Brockington, Mrs. Alma I.	Alachua
Brookins, Mrs. Grace E.	Okeechobee
Brooks, Wilma Doris	Gainesville
Brothers, Etta	Reddick
Brothers, Shelby Lee	Reddick
Brown, Benny Arden	Coral Gables
Brown, Beulah Mae	Groveland
Brown, Elizabeth Nance	Dade City

Name	Address
Brown, Eva Iona	So. Jacksonville
Brown, J. Colvin	Barberville
Brown, Jeanette	Lake Butler
Brown, Joram Elbert	Ocala
Brown, Joseph P.	Mascotte
Brown, Marcus Gordon	So. Jacksonville
Brown, Rae Marguerite	Tangerine
Brown, Rebecca Henrietta	Live Oak
Brown, Ruby Lenora	Live Oak
Brown, (Miss) Tommy	Dade City
Brown, Violet Rowena	Jacksonville
Brown, Wm. Osborn	High Springs
Browne, Alice Marian	Romeo
Browning, Mrs. Alma B.	Johnson
Brownlowe, Dora Alma	Palm Harbor
Bruner, Olaf Ve	Vero Beach
Bryan, Thomas Barnes	Marianna
Bryant, Susie	Gainesville
Bryant, Sylvester Langley	Gainesville
Buchanan, Frances Webb	Sarasota
Buckels, Lucille	Jasper
Bulford, Amy	Hilliard
Bullard, Mrs. Fannie A.	Ft. Pierce
Bullard, Newton Hudson	Ft. Pierce
Bullard, Ryan Joyce	Gainesville
Bullock, Era Mae	Nocatee
Bunch, Kathleen	Daytona Beach
Burford, Florence Ann	Quincy, W. Va.
Burnett, Minnie Mae	New Smyrna
Bushnell, Marjorie Ethel	Dade City
Butt, Thomas Cecil	Orlando
Byrd, Lillian Mae	Haines City
Byrnes, Hazel Irene	St. Cloud
Cable, Mrs. Edith Ethel	Ft. Pierce
Cabrera, Mary	Key West
Caldwell, Leah Miriam	Coconut Grove
Caldwell, Mrs. Margaret I.	Gainesville
Camp, George Burdette	Gainesville
Campbell, Erma Leona	DeLand
Campbell, Hazel Aline	Hastings
Campbell, Irene Juanita	DeLand
Campbell, Mrs. Opal R.	Sarasota
Canney, Mrs. Ida Gertrude	Live Oak
Carlisle, Mrs. Annie M.	Sneads
Carlisle, Ralph Cary	Sneads
Carlson, Mrs. Nellie P. Green	Cove Springs
Carmichael, Mrs. Elnora B.	Tampa
Carmichael, May	Hollins
Carroll, Mrs. Ruby Lane	Pinemount
Carter, Annie Lou	Orlando
Carter, Mrs. Bessie Lett	Dade City
Carter, Clio Belle	Tarpon Springs
Carter, Edgar W.	Oxford
Carter, Mrs. Florrie Mae	Ft. Pierce
Carter, Ralph Edward	Ft. Pierce
Carter, Wm. LaFayette	Dade City
Caruthers, Ruby Mae	Oxford
Casey, Elizabeth Dolores	Jacksonville
Cason, Ernest Wesley	Lake Worth
Cason, Henry Vasco	Chiefland
Cason, Juanita E.	Bartow
Cason, Virgie Mae	Wellborn
Causey, Ada Drusilla	Millry, Ala.
Cauthen, Mattie Lee	Leesburg
Cawthon, John Russell	DeFuniak Springs
Chaires, Myldred Finley	Palm Harbor
Chafin, Wylene Jessie	Ocoee
Chamberlain, Mrs. Ruth Fertic	Mount Dora
Chambers, Harley Pleasant	Plant City
Chamblin, John Anderson	Gainesville
Chandler, Frances Pauline	Cross City
Chapman, Excelle	Webster
Chastain, Bernice Ruth	Tampa
Chavers, Mrs. Lily Ethel	Gainesville
Chestnut, Daisy Paula	Gainesville
Church, Alice L.	Eustis
Clark, Helen Davis	Miami

Name	Address
Clark, Laura Sole	Roseland
Clark, Marguerite Jennie	Miami
Clark, Myrtle	Englewood
Clark, Walton Bryant	Bartow
Clement, Gertrude	Bartow
Clements, Lemuel Cecil	Fitzgerald, Ga.
Clemons, Mrs. Marguerite R.	Clewiston
Clifton, Hilburn H.	Barberville
Clubbs, Occie	Pensacola
Cobb, Wm. Alfred, Jr.	West Palm Beach
Cobia, Mary Louise	Lake City
Cochran, Mary Sheffield	Bunnell
Cochran, Mrs. Maude A.	Miami
Cockrell, Wm. Davis	Gainesville
Coffee, Lois Elizabeth	Altoona
Coffin, Emma Ives	Lake City
Cogburn, Park Harry	Cottondale
Coil, Hugh	Clearwater
Cole, Bessie Marie	Bartow
Coleman, Donald J.	Tampa Shores
Collier, Bernice M.	Ocala
Collier, Fannye Emily	Oxford
Collin, Frederic James	Miami Shores
Collins, Mrs. J. E.	Oneco
Collins, Mary Elizabeth	Oneco
Collins, Vesta Elithe	Gainesville
Cone, Mrs. Elizabeth	Tampa
Conners, Mrs. Eva S.	Plant City
Conway, Mrs. Nina B.	Palatka
Coody, Willie Mae	Lemturner
Cook, Mrs. Eddie Rawls	Gainesville
Cook, Ruth	LaBelle
Cooksey, Juanita Frances	Lamont
Cooper, Mary Arden	Jacksonville
Corbitt, Deloren Dempsey, Jr.	St. Augustine
Cordell, Jos. J.	Wauchula
Core, Charles Frederic	Jacksonville
Cormack, Mrs. Clara Hammer	—West Palm Beach
Corser, Mildred Dolores	Bagdad
Covington, Rachel Everett	Plant City
Cowan, Ettie	Lakeland
Cox, Ray Donald	Clermont
Cracowauer, Minnie	Tampa
Craig, Mrs. Addie P.	Zephyrhills
Craig, Allen Thornton	Gainesville
Crawford, Essie	Pinecastle
Creel, Eugene Mathew	Milton
Crews, Pauline	Jacksonville
Crowell, Mrs. Bessie M.	Arcadia
Crowell, John M.	Arcadia
Crowson, Athel	Milton
Crozier, Rachel F.	Okeechobee
Culbertson, Raymond E.	Gainesville
Culbreth, Sara Pattie	Oneco
Cumbee, Carroll F.	Perry
Cumbie, Myrtle Estelle	Clarcona
Cumming, Fannie	Tampa
Cunningham, Roy Lewis	Madison
Curry, Hazel Olive	Nokomis
Dacosta, Annie Elizabeth	Gainesville
Dale, Mrs. Alice Prine	Terra Ceia
Daley, Mrs. Sarah Louise	West Palm Beach
Dancy, Robert Campbell	Melbourne
Daniel, Romie Lee	Dade City
Dansby, George Wm.	Summerfield
Dauer, Manning Julian, Jr.	Tampa
Dauer, Mrs. Martha Fitts	Tampa
Davidson, Mrs. Evelyn	Gainesville
Davidson, Watson Perry	Gainesville
Daview, Harold Marvin	Orlando
Davies, John Marshall	Gainesville
Davis, Mrs. Aurelia B.	Miami
Davis, Mrs. Eleanor	Farmdale
Davis, Mrs. Elizabeth E.	Daytona Beach
Davis, Elizabeth Frank	Daytona Beach
Davis, Mrs. Emma	Miami
Davis, Mrs. James Ross	Lake Wales

Name	Address
Davis, Joe Irving	Miami
Davis, Lawrence O., Jr.	St. Augustine
Davis, Lysbeth	St. Petersburg
Davis, Mary Eloise	Tallahassee
Davis, Norman West	St. Petersburg
Davis, Orville Rhoads	Miami
Davis, U. P.	Mayo
Davis, Wm. M., Jr.	Orlando
Davis, Mrs. Willie Emma	Tampa
Dawson, Alma C.	Munson
Dawson, Anne Lyde	Tampa
Dawson, Charles Ralph	Gainesville
Dawson, Ethel	Tampa
Dawson, Gamma	Tampa
Deen, Carrie	Gainesville
Dees, Cecil Thomas	Mayo
DeGaetani, Frank Marion	Tampa
DeGrove, Mrs. Edythe Helen	Palm Valley
DeGrove, Russell Henry	Palm Valley
Degtoff, Walter A.	Miami
DeLeon, Magdelin E.	Key West
DeMasters, Clarence U.	Gainesville
DeMotsis, Mrs. Esther	DeLand
DeMuro, Josephine Irma	Inverness
Devore, Wm. Elbert	Citra
Dew, Joanna	Alachua
Dew, Zelle Avon	Alachua
Dickenson, Mrs. T. E.	Ocala
Dickson, Lucille Mary	McIntosh
Dieffenwierth, Julia McG.	St. Petersburg
Dishong, Wm. W.	Arcadia
Dodson, Chas. L.	Gainesville
Donahue, Cecil W.	Valdosta, Ga.
Donaldson, Malcolm Gilbert	Shady Grove
Donnelly, Wallace Oliver	Gainesville
Doty, Julia	DeLand
Douglas, Barton T.	Gainesville
Douglas, Lawrence Y.	Dunedin
Dowdell, Samuel H.	Wimauma
Downer, Mrs. Ruth B.	St. Petersburg
Drake, Edw., Jr.	Ocala
Draper, Stephen A.	Milton
Dreher, Mrs. Mary Z.	Micanopy
Driggers, Charles E.	Gainesville
Driggers, Mrs. Ina Stapp	Oxford
Driggers, Laudy Henderson	Bowling Green
Driggers, Vaughan Wendell	Eustis
Driscoll, Gertrude Madeleine	Tampa
Dukes, Carrie Bell	Cross City
Dunn, Mrs. Inez L.	Gainesville
Durrance, Chas. L.	Pinecastle
Durrance, Mildred C.	Limona
Dyess, Myra	Campville
Easterlin, Juanita	High Springs
Ebinger, Rollin J.	Tampa
Edwards, Mrs. Bertie H.	Hawthorne
Edwards, Joyce	Alachua
Edwards, Ordie Morton	Hawthorne
Edwards, Ruth Evelyn	Cleveland
Edwards, Wm. T.	Eau Gallie
Eikel, Sadie E.	Elfers
Ellis, Lucile	Alachua
Ellis, Sybel Belle	Fort White
Ellzey, Ruby	Aucilla
Elmore, Martha	Bradenton
Emerson, Francis H.	Gainesville
English, Charles L.	Coral Gables
Entz, Allan Lamar	Leesburg
Epling, Evelyn Ennis	Lake City
Epperson, Kathryne E.	Lake Butler
Erickson, Floyd Arthur	Canal Point
Espinosa, Wm. J.	Tampa
Evans, Eleanor D.	Arcadia
Evans, Frances Louise	Tampa
Eyster, Wm. W.	Jacksonville
Fagan, Artoise D.	Gainesville
Faircloth, Esker Andrew	Milton

Name	Address
Farabee, Thos. N.	Wauchula
Fariss, Julia Lucretia	Orlando
Farmer, Mrs. Mattie Hugh	Ocoee
Farnsworth, Lucile S.	Plant City
Faulds, Norval M.	Clearwater
Faulk, Edna Mae	Lake City
Fay, Cora	Panama City
Fay, Mrs. Orra M.	Panama City
Feagin, Thelma	Eagle Lake
Feagle, Mrs. Edna Peeples	Wildwood
Feagle, Wm. Barnett	Wildwood
Felton, Mrs. Laura J.	Mayo
Fernald, Mrs. Inez G.	Tarpon Springs
Fernald, Leon F.	Tarpon Springs
Ferris, Catherine Norman	Tampa
Fetting, Anna Louise	Lakeland
Fetzer, Mrs. Amy Steen	Gainesville
Fenman, Mrs. Miriam Rachel	Tampa
First, Malcolm M.	St. Petersburg
Fish, John Sterling	Glen St. Mary's
Fisher, Dan S.	Tampa
Fitzgerald, Mrs. Louise Mathis	Palmetto
Flaherty, James A.	Ocala
Fletcher, Mrs. Harriet B.	Ojus
Fletcher, Horace B.	Ojus
Fletcher, Nell Gregory	Ojus
Florence, Mrs. Frances Miller	Freeport
Flournoy, John Thomas	DeFuniak Springs
Flowers, Mrs. Madie Martin	Campville
Floyd, Chas. Henry	Apalachicola
Floyd, Clara B.	Hawthorne
Flynn, Merle	Gainesville
Fogg, Grace Dell	Graham
Folsom, Dan Pouncey	Wauchula
Forbes, Mary Jane	Ocala
Ford, Henry M.	Gainesville
Ford, Jos. Scott	Diana
Fore, Dorothy Elouise	Zolfo Springs
Fortune, Allen M.	Milton
Foster, Mrs. Harriet	Glenwood
Foster, Ira J.	Madison
Foulks, Frank Marshall	Tampa
Fowler, B. B.	Miami
Fowler, Mrs. Mabel Posey	Miami
Fowler, Nina Fern	Miami
Franke, Vera L.	Vero Beach
Fraser, Lora	Ft. Myers
Fraser, Ruth	Lakeland
Freeberg, Mrs. Mae D.	Chicago, Ill.
Freeman, Jack Thomas	Plant City
Freeman, Leila L.	Largo
French, Mrs. Katherine Farr	St. Cloud
Fripp, Ethel Ione	Bluffton, S. C.
Frisbee, Selma Ellen	Miami
Fugate, Lena	Orlando
Fugate, Mamie L.	Orlando
Fulford, John C.	Ebb
Fuller, Frances	Orlando
Fuqua, Claire Juanita	Ojus
Fuqua, Katherine Jessie	Ojus
Furen, Elizabeth M.	Sanford
Futch, Melvin Brown	Lawtey
Gallardo, Fernando R.	Ybor City
Galloway. Athey Jane	Darlington
Galloway, Clifton L.	Holly Hill
Gammage, Lois	Sylvester, Ga.
Gant, Mrs. Gertrude	Bell
Gant, John Elmo	Brooksville
Garcia, Angie G.	Tampa
Garcia, Evelyn B.	Tampa
Garcia, Marion E.	Tampa
Gardner, Ella G.	Port Tampa City
Gardner, John H.	Jacksonville
Garner, Maude Louise	Arcadia
Garrison, Allen M.	Eustis
Gaskill, Reba Clair	Charlotte Harbor
Gates, Eva May	Tampa
Gay, Gussye	LaCrosse

Name	Address
Gaylord, Mrs. Eleanor M.	Tampa
Geiger, Lorenzo Dow	Zephyrhills
Geiger, Ula L.	Stuart
George, Gertrude	Morriston
Getch, Bertha	Orlando
Gilbert, Bonnie	Graceville
Gill, Jo Dozier	Sarasota
Gillis, Orene	Ponce de Leon
Gillman, Dallas L.	Dady
Goddard, Alida Clementine	Lakeland
Godwin, Jewel E.	Bonifay
Godwyn, Sidney W.	Orlando
Goette, Mrs. Nannie H.	Eustis
Goette, Wm. Louis	Eustis
Golden, Maree	Leesburg
Goldstein, Mark J.	Jacksonville
Gooding, Mrs. Claudia	Tampa
Gooding, Nell	Tampa
Gooding, Richard Elmer	Leesburg
Goolsby, Mrs. Louis C.	Gainesville
Graham, Geo. R.	Lake City
Graham, Gladys G.	Tampa
Graham, Lenore M.	Jacksonville
Gramling, Carlena E.	Madison
Grant, Grace	Sopchoppy
Graves, John C.	Tampa
Graves, Thelma G.	Jennings
Gray, Leon A.	Hinson
Green, Arthur S.	Perry
Green, Harry	Gainesville
Green, Wilson P.	Reddick
Greene, Cynthia Jane	Pinemount
Greene, Edgar W.	Stuart
Greene, Eustis E.	McAlpin
Greene, Isla	McAlpin
Greene, Lorin Arthur, Jr.	Gainesville
Gregory, R. H.	Yulee
Grimm, Mrs. Phyllis J.	Gainesville
Groff, Mrs. Rose Ann	Boynton
Guess, Mary C.	Williston
Guito, Mrs. Anna Shepherd	Key West
Gulley, Annie Lee	Tampa
Gunnels, Lila Belle	Williston
Gurr, Mrs. Olive V.	Chiefland
Hadsock, Mrs. Ethel L.	Micanopy
Haft, A. M.	Gainesville
Haines, Agatha Jessie	Oneco
Hait, Kenneth B.	Brooksville
Hall, Amy Christel	Lowell
Hall, Anna Mae	Lake Alfred
Hall, Mrs. Beulah T.	Cross City
Hall, Charles R., Jr.	Gainesville
Hall, Edna	Ocala
Hall, Inez	Bushnell
Hall, James Elwood	Cantonment
Hall, Janie Pauline	Orlando
Hall, Mary Louise	Citra
Hall, Mildred	Tampa
Hall, Mrs. Pearl Futch	Gainesville
Hall, Thelma Esther	Citra
Hamon, Mrs. Alberta L.	Miami
Hampton, Nettie E.	LaBelle
Hampton, Wm. Franklin	Gainesville
Hancock, Mattie	Lake City
Hanselman, B. L.	Auburndale
Hardaker, Marjorie Ella	Galloway
Hardee, Sherley Lena	Gainesville
Hardeman, Mrs. Maud P.	Little River
Hardy, Albert L.	Vernon
Hardy, Bernice Gladys	Palatka
Harlan, Mrs. Estelle E.	Gainesville
Harllee, Asa Lamb	High Springs
Harllee, Eleanor S.	Tampa
Harper, Mrs. Vivian H.	Gainesville
Harre, Mrs. Lisle M.	Tampa
Harrington, Mabelle	St. Petersburg
Harris, Carl Henley	Chipley
Harris, Mrs. E. J.	West Palm Beach
Harris, Mrs. Jennie N.	Orlando
Harris, M. Ruth	Gainesville
Harris, Robert E.	Ft. Lauderdale
Harris, Mrs. Sarah S.	Chipley
Harrison, Clarence Arthur	Gainesville
Harrison, George Lester	Anthony
Harrison, Grady	Anthony
Hartsfield, C. Kathleen	Gardner
Harwell, Hettie Redford	Anthony
Haseltine, Mrs. Adaline Jane	Tampa
Haseltine, H. A.	Tampa
Haskin, Elizabeth Ann	St. Petersburg
Haskins, Charlotte Lunn (Mrs.)	Key West
Hatch, Dorothy Lois	Lake Worth
Hathaway, Anne	Brooksville
Hawkins, Edward Meredith	Gainesville
Hawkins, George Alma	Bay Harbor
Hawthorne, Nellie Alice	Apopka
Hayman, Ione	Punta Gorda
Haymans, Alvin	Gainesville
Haynes, John Milner	Crystal River
Hays, Mrs. Helen Neibert	Tampa
Hays, Mrs. John Allen	Fort Myers
Hazen, Georgia M.	Plant City
Head, Grace	Plant City
Head, Mabel Ann	Plant City
Head, Mrs. R. E.	Lakeport
Heath, Mrs. Florence B.	Arcadia
Heath, Jessie A.	White Springs
Hedden, Henry George	Gotha
Hedden, Mrs. Margaret Evelyn	Gotha
Helveston, Lucile M.	Tampa
Helwig, Esther Mae	Tampa
Hemphill, Kate Miles	Gainesville
Henderson, Edwin Lloyd	Wacissa
Henderson, Mrs. Julia Frier	Seffner
Henderson, Leon N.	Baker
Henderson, Major J.	Baker
Henderson, Ralph W.	Shady Grove
Henderson, Vera Leone	Shady Grove
Hendley, Sara Eugenia	South Miami
Hendrick, Jennie B.	Palm Harbor
Hendricks, Janie Mae	Clearwater
Hendrix, Floride	Leesville, S. C.
Hendrix, Hugh M.	Gainesville
Hendry, Mrs. Ethel D.	Arcadia
Hendry, Harry Frierson	Fort Myers
Henley, Wm. Walter	DeFuniak Springs
Hennessee, Earl Eric	Lakeland
Hennessey, Martina	Hawthorne
Herndon, Nora Mae	Jasper
Herring, Ida Dove	Fort Meade
Hester, Jackson B.	Easley, S. C.
Hewett, Oraleze Ann	Oakland
Hewitt, Mrs. Hazel C.	St. Petersburg
Hewitt, Oliver Wm.	St. Petersburg
Hiatt, Lyle Steven	West Palm Beach
Hickman, Doris	Arcadia
Hicks, Mary	Gainesville
Hicks, Wm. T.	Gainesville
Higgs, Lyman Williard	Arcadia
Higgs, Mrs. Rubye Lee	Arcadia
Hill, Mrs. E. P.	Winter Park
Hill, Maoma Frances	Dade City
Hill, Mildred	Homestead
Hill, Trixie	Gainesville
Hillstead, Mrs. Ida Gowdy	Miami
Himes, Alice Margaret	Bushnell
Himrod, Maud Allman	Wauchula
Hinson, Ola	Gainesville
Hobbs, Forrest O'Leary	Tampa
Hobbs, Mrs. Jay D.	Key West
Hodges, Julia Jeanette	Miami
Hoffman, George P.	St. Petersburg
Hoffman, Mrs. Vida Pearl	St. Petersburg
Hogan, Della	Trenton
Hogan, Fauniece Grace	Brandon

Name	Address
Hogg, Mildred Lee	Jacksonville
Holliday, Mrs. Zola Padgett	Coral Gables
Hollingsworth, Mrs. Ruth H.	Lake Worth
Holmes, Cicely Abernathy	Miami Beach
Holt, Eva Ellen	Fort Meade
Hood, Myrtle Allyne	So. Jacksonville
Hooten, Mrs. Mary M.	Jacksonville
Hornbaker, Betty Anne	St. Petersburg
Horovitz, Jules Joseph	Tampa
Horrell, Elizabeth	Gainesville
Housman, Bessie	Bradenton
Howard, Eugenia	Coral Gables
Howard, Mrs. Mabel J.	Eustis
Howard, Ona Lee	Miami
Howard, Raymond Holt	Gainesville
Howell, Esther	Melbourne
Howell, Olive Mildred	Melbourne
Huddleston, Paul	Jay
Hudnall, Mrs. Edith Graham	Baldwin
Hudnall, F. S.	Baldwin
Hudnall, John Mayes	Gainesville
Hudson, Mrs. Edna Frankie	Trenton
Hudson, James Andrews	Miami
Hudson, Sara Elizabeth	Lake City
Hughes, Florence L.	Jacksonville
Hunt, Mrs. Jean Partin	Ft. Christmas
Hunter, Marcia B.	Tampa
Hutcherson, Ethel Madge	Okeechobee
Hutcherson, Thelma	Jasper
Hutchinson, Mrs. Ruby Evelyn	Lakeland
Imeson, John G.	Jacksonville
Irwin, Tom Melbourne	Jacksonville
Isaac, Albert L.	Coconut Grove
Isbill, Clarence W.	Lake Mary
Jackson, Charles Edward, Jr.	Clearwater
Jackson, Wm. Thomas	Gainesville
Jacobi, Gertrude F.	Jacksonville
Jacobs, J. Tilden	Sanford
Jacobs, Mrs. Minnette B.	Sanford
James, Emma W. (Mrs.)	White Springs
Jaques, Mrs. Irma Jean	Miami
Jefferson, Wayne O.	Pensacola
Jennings, Leonorah Dean	Jacksonville
Jennings, Ruth Marion	Jacksonville
Jennings, Mrs. Susan Jane	Miami
Jerkins, Mrs. Anne E.	St. Petersburg
Jernigan, Claude H.	Monticello
Johns, Henry Lamar	Wellborn
Johns, Mrs. Susie E.	Lake Placid
Johns, Thomas M.	Lake Placid
Johnson, Albert M.	Orlando
Johnson, Alice Viola	Arcadia
Johnson, Alma Elizabeth	Sydney
Johnson, Annette	White Springs
Johnson, Mrs. Ethel Annie	Chiefland
Johnson, Eva Crawford	Evinston
Johnson, Gordon R.	Ft. Ogden
Johnson, Mrs. Ida Penelope	Tampa
Johnson, Mrs. Ivey Mary	Mt. Dora
Johnson, Mrs. J. G.	Ft. Ogden
Johnson, Mrs. Marie Wolfe	Tampa
Johnson, Martha Clough	Leesburg
Johnson, Minton Hollingsworth	Gainesville
Johnson, Robert Milton	Hardeetown
Johnson, Rossie Lee	Alturas
Johnson, Thelma Jane	West Palm Beach
Johnson, Mrs. Willie C.	Evinston
Johnston, Alma May	Jacksonville
Johnston, Edith Winnifred	Monticello
Jones, Anna Ethel	Jay
Jones, Emily Capers	Crescent City
Jones, Henry Grady	Jacksonville
Jones, Homer	Florala, Ala.
Jones, Mary Mertie	Bronson
Jones, Patricia Niles	Crescent City
Jones, Rubye	Lee
Jones, Mrs. Ruby S.	Tampa
Jones, Thomas John	Sarasota
Jones, Wm. Eugene	Gainesville
Jones, Wm. W.	Malone
Jordan, M. B.	Gainesville
Josey, Metzgar Elroy	Gainesville
Justen, Mrs. Mary Louise	Tampa
Kaplan, David	Hollywood
Kaul, Jennie Catherine	Palmetto
Kazarian, Carl	Orlando
Keaton, Mrs. Carrie Brantley	St. Petersburg
Keezel, James Edward	Winter Park
Keith, Geraldine V.	Lake Worth
Kelbert, David G. A.	Gainesville
Keller, Cale Ralph	Ft. Meade
Kellogg, Mrs. Edna Sweet	Ft. Myers
Kelly, Mrs. Birdie L.	Live Oak
Kelly, Cornelia Eleanor	Live Oak
Kelly, Hazel	Live Oak
Kelly, James Homer	Live Oak
Kelly, Joseph Eddie	Glen St. Mary
Kelly, Mildred	Perry
Kelsey, Geo. A.	Lake Placid
Kennington, Lyndoll	Ponce de Leon
Kicklighter, Mrs. Materia F.	Sarasota
Kidwell, L. Dale	Coral Gables
Kierce, Steiner Clive	Baker
Kimbrough, Martha Blanche	Chipley
King, Albert Foster	Terre Haute, Ind.
King, Mrs. Annie L.	Mayo
King, Julian Holt	Lakeland
King, Linda Lee	Sarasota
King, Mrs. Myra Nell	Bowling Green
Klett, Mrs. Charlotte Emma	Tampa
Knight, Mrs. Mary	Charlotte Harbor
Knight, Thos. J.	Green Cove Springs
Kovarik, Florence Charlotte	Tampa
Kubesserian, Garabed Gughmess	Gainesville
Kyle, Mrs. Mary	Winter Haven
Kyle, Tessie Mae	Pidgeon Key
Laird, Angus McKenzie	St. Andrews
Lamb, Mrs. Dorothy	Anthony
Laney, Edward Earl	Tampa
Laney, Mrs. Johnnie Louise	Tampa
Langford, Mrs. Lota B.	Lake Butler
Langford, Maurice G.	Lake Butler
Langston, Mrs. Margaret Lessie	Tampa
Langston, Thomas Hill	Tampa
Lanneaux, Gertrude	Tampa
Lansden, Elizabeth	Penny Farms
Larsen, Elizabeth E.	Jacksonville
Larson, Anna Bodell	Tallahassee
Larson, Lawrence John	Lakeland
LaRue, Rosalie Lanier	Eustis
Lau, Lorene Clarice	Gotha
Layfield, Addie Belle	Ft. White
LeCroix, Iwanna Yvonne	Leesburg
Ledbetter, Clara B.	Jennings
Lee, Mrs. Clara E.	Brandon
Lee, Edna Irene	Dade City
Lee, John Levi	Live Oak
Lee, Wm. I.	Munson
Lee, Winnie Belle	Marion, Ala.
Leggett, Frederick Earl	St. Petersburg
Leitner, Edna L.	Micanopy
Leitner, Mary	Ft. Myers
Leitner, Sarah	Ft. Myers
Lence, Mrs. Marie Griese	Arcadia
Leps, John Christian	Winter Haven
Leto, Aurora	Tampa
Levey, Bernard Frank	Pensacola
Lewis, Mrs. Claire	Coleman
Lewis, R. Ruth	Orlando
Lewis, Ruth Esther	Waldo
Liddon, Benjamin Sullivan	Marianna
Lightfoot, Mrs. Lilla C.	Tangerine

Name	Address
Lilly, Laura Elizabeth	Quitman, Ga.
Lincoln, Mrs. Lillian W.	Elfers
Lindsey, Margaret Georgia	Geneva
Lipscombe, Mary Berta	Jacksonville
Lites, Bernice Irene	Ft. White
Litherland, Edna Mae	Ocoee
Little, Sara	Grand Island
Livingston, Katharine	Ocala
Livingston, Mattie	Carbur
Lloyd, Wm. F.	Tampa
Lock, Dorothy Louisa	Dade City
Long, Mrs. Mary G.	Jacksonville
Long, Clarice Mona	Tampa
Lord, Mrs. Annie Bates	Orlando
Lord, Dorothy C.	Gainesville
Lord, Earll Leslie	Gainesville
Lord, Richard P.	Gainesville
Loring, Mrs. Ethel Jones	Cocoa
Lorraine, Charles Cabell	Jacksonville
Lot, Mrs. Imogene	Miami
Loucks, Ivan H.	Gainesville
Loudermilk, Mrs. Heila Irene	Pierce
Lovell, Broward	Summerfield
Lovell, Mrs. Flora Ester	Plant City
Lovvorn, Charles Jason	Okeechobee
Lowery, Mrs. Harris R.	Stuart
Lucas, Marie	Wildwood
Luffman, Ida Lena	Ocala
Lunn, Mrs. Annie Lee	Brewster
Luter, Leila	Miami
Lybass, Jas. H.	Tampa
Lyle, Mrs. Ethel J.	Dundee
Lyman, Mrs. Daisy Emma	West Palm Beach
Lyman, Mrs. Emma Abbott	—Altamonte Springs
Lynn, James Waldon, Jr.	Tampa
Lynn, R. Kathleen	Tampa
Lyon, S. C.	Gainesville
Lytal, Luke Henry	West Palm Beach
Lytle, Mrs. E. J.	East Lake
McAloon, Evelyn Agnes	St. Augustine
McArthur, High Lynn	Tampa
McAulay, Annie Lucy	Ft. Meade
McCall, Georgia E.	Lake City
McCall, Maud Bryant	Wildwood
McCall, Virginia Tejas	Williston
McCaul, Thomas Vaden, Jr.	Gainesville
McClellan, Mrs. Essie	Canal Point
McClinton, Annie Louise	Gainesville
McCorkle, Helen Louise	Manatee
McCormick, Charles	Bartow
McCormick, Fenwick T.	Gainesville
McCormick, Harry W.	Gainesville
McCormick, Lucius Raines	Gainesville
McCoy, Hazele Lydia	Alachua
McCrea, Blanche	Bartow
McDonald, Alice Bradford	Archer
McDonald, Bessie	White Springs
McDonald, Gladys Eleanor	Wauchula
McDonald, Grace Frances	Archer
McDonald, Mrs. Ida	Gainesville
McDonald, Jackson H.	Stuart
McDonald, Pauline Fern	New Smyrna
McDonald, Thelma	Wellborn
McDonell, Carrie Bertha	Williston
McElroy, Charles G.	Tampa
McEwen, Raleigh Odell	Gainesville
McFadden, Mary Lou	Alachua
McFarland, Martha Jane	Ocoee
McFarland, Martha Nelle	Orlando
McGarity, Mrs. Carol Virginia	Fort Pierce
McGarrah, Nell	Gainesville
McGee, Wm. Lanier	Century
McGrath, Blanche B.	St. Petersburg
McGrath, Ethel B.	St. Petersburg
McIntire, James Edgar	Clearwater
McIntire, Mrs. Mildred Louise	Clearwater
McKinney, Eula Lee	Micanopy
McKinnon, Daniel Angus	Marianna
McKinnon, Nan	Williston
McLanahan, Julius Pope	Bunnell
McLane, Eldridge Franklin	Lake City
McLaughlin, H. E.	Branford
McLean, Helene Claire	Cross City
McLean, Nora E.	Winter Haven
McLendon, Ida Ruth	Jacksonville
McLeod, Mrs. Hortense H.	W. Palm Beach
McLeod, Norman Wightman, Jr.	Aucilla
McMakin, Dorothy Primrose	Orlando
McMichen, Virginia Dare	Waldo
McMillan, Ann Averil	Gainesville
McMullen, Danial G.	Lee
McPherson, Guy A.	Havana
McPherson, Mrs. Ruth Adams	Gainesville
McQuitty, John V.	Ft. Myers
McRae, Anderson Cook	Chipley
McRae, Bernice	Palatka
McRae, Elizabeth K.	Gainesville
McWhorter, Benj. Cassels	Umatilla
McWhorter, Robert Olen	Sarasota
Macy, Kate Lillian	Orlando
Maddox, Russell C.	Estero
Maddrey, Jocie Lee	Gainesville
Magee, Mrs. Alyce June	Weirsdale
Magruder, Charles	Tampa
Mahan, Mrs. Louise H.	Tampa
Mahood, Mrs. Mildred H.	Miami Shores
Mallory, Gladys V.	Wellborn
Mann, Mrs. Allie Dean	Lakeland
Mann, Orion Alfred	Lakeland
Mansell, Mrs. Avis Audry	Frostproof
Mansell, Marguerite E.	Frostproof
Manstine, Mrs. Agnes L.	Green Cove Springs
Marchman, Frederick	Minacopy
Martin, Annie Mae	Hawthorne
Martin, Mrs. Clara E.	Island Grove
Martin, D. A.	Gainesville
Martin, Freeman G.	Ninety Six, S. C.
Martin, Mrs. Geraldine	Miami
Martin, Inez	Greenville
Martin, Memory	Gainesville
Martin, Olive Frances	Orange City
Martin, Roe Millege	Gainesville
Martin, Swan	Gainesville
Mashburn, Ara Lee	Bay Head
Mashburn, Mansel Malone	Blountstown
Massengill, Mrs. Clara M.	Alachua
Massengill, Joseph Warren	Alachua
Matchett, Dallas M.	Citra
Matchett, Josephine G.	Citra
Matheny, Candler Calhoun	Madison
Mathews, Mary Belle	Gainesville
Matteson, Laura Maxine	W. Palm Beach
Matthews, Melba	Ponce de Leon
Maultsby, John Camp	Gainesville
Maxwell, Thelma Isabelle	—Green Cove Springs
May, Juanita Ella	Tampa
Mayo, Gertrude	Summerfield
Meacham, Mrs. Clara McDowell	St. Cloud
Meadows, Mrs. Carolyn H.	Umatilla
Meadows, Claire	Citra
Mears, Mrs. Frankie R.	Cypress
Mears, George Hiram	Cypress
Mears, John Miriam	Cypress
Meeks, Cherry A.	Crystal River
Meeks, Joyce E.	Crystal River
Melvin, Perry David	Milton
Merbler, Adam Albert	Pensacola
Mercer, Laurita	Wauchula
Meredith, Margaret Grace	Avon Park
Merritt, J. Webster	Gainesville
Metcalfe, Mrs. Willie A.	Gainesville
Metzger, Mrs. Hattie Cain	Sarasota
Michael, Mrs. Ethel Wolfe	Gainesville

Name	Address
Michael, Kenneth E.	Gainesville
Middleton, Lillie Mae	Gainesville
Mikell, E. M.	Gainesville
Milbrath, Harry Simmons	Ft. Ogden
Miles, Mrs. Lorene S.	Hialeah
Miller, Charles	Jacksonville
Miller, Mrs. Edna Johns	Micanopy
Miller, E. H.	Melbourne
Miller, James Frank, Jr.	Sarasota
Miller, L. D.	Palatka
Miller, Robert Thomas	Wellborn
Miller, Mrs. Ruby	Gainesville
Miller, Sall Dixie	Enterprise, Ala.
Miller, Saul D.	Gainesville
Mills, Mrs. Ruth Ora	O'Brien
Milteer, Mrs. Lillie Fair	Ft. Myers
Mims, Beatrice J.	Anthony
Mims, Emma Lee	Williston
Miner, Jack Harding	Daytona Beach
Miner, Ruby G.	Tampa
Minor, Leonidas Corbly	St. Petersburg
Minter, Mary Elizabeth	Live Oak
Minton, Eunice Lucile	Palatka
Mires, Mrs. Frankie M.	DeLand
Mires, John J.	DeLand
Mires, Lassa Iona	DeLand
Mitchell, Thelma Lula	Dowling Park
Mixon, Kathryn Lena	Clearwater
Mizell, Bascom Fernando	Gainesville
Mizell, Mellie	Fort Ogden
Mobley, Mrs. Callie Mai	Monterey
Moger, Mrs. Eleanor Smith	Ft. Myers
Montgomery, Stephen Miles	St. Petersburg
Moody, Mrs. Pauline	Gainesville
Moon, Robert Cary	St. Andrews
Moore, Ellis	Umatilla
Moore, Mrs. Lou'se Dickie	Clearwater
Moore, Maurice Lee	Laurel Hill
Moore, Sallie Jim	Brooksville
Moore, Sarah Alice	Lake City
Moore, Wilma Knotts	Dixie, Ga.
Moore, Mrs. Winona S.	Daytona Beach
Moran, Mrs. Alva Betts	Chattahoochee
Moran, Edith Claire	Waldo
Morford, Cora E.	Port Orange
Morgan, Grace Edna	Miami
Morgan, John W.	Mayo
Morris, Alton Chester	West Palm Beach
Morris, Mrs. Harold A.	Largo
Morris, Irene Elizabeth	Jacksonville
Morris, Wm. Erskine	Leesburg
Morris, Lila Rebecca	Inverness
Morrow, Albert Roy	Waldo
Morrow, Mrs. A. R.	Waldo
Morrow, Mason Wayne	Ft. Pierce
Morse, E. Louise	Greenville
Morse, Gladys Alma	Perry
Mott, Catherine Antionette	Tampa
Mounts, Charles Eurene	Gainesville
Moyer, Mrs. Oda Wright	Tampa
Moyers, Tillie Leaville	Orlando
Mullins, Mrs. Carrie T.	Gainesville
Munn, Mrs. Luellen Jones	Miami
Murphree, Albert Alexander	Gainesville
Murphy, Mrs. Minnie Teresa	St. Petersbrug
Murray, Robert Daniel	Ponce de Leon
Myers, Mrs. Minnie May	Rockledge
Nash, Mrs. Gladys Margaret	Clearwater
Nash, Viola Elizabeth	Jacksonville
Nation, Mrs. Clyde Hicks	Ft. Myers
Nelson, Floyd James	Tampashores
Nesmith, Nora Lourie	Plant City
Newell, Henry Arthur	Starke
Newsome, Jewel	Southport
Newton, Nelle	Live Oak
Nicholas, Louis King, Jr.	Miami
Nightingale, Harry Alfred	Orlando
Nolan, Mrs. Gladys Milton	Macclenny
Norfleet, Paul Judson	Newberry
Norman, Grover Cleveland	Starke
Norton, Bessie Amanda	Panama City
Nunez, Geo. Tierso	Perry
Ober, Beatrice Helen	St. Petersburg
O'Bryant, Violet	Oxford
O'Donald, Ed Todd	Gainesville
Ogg, J. A.	Gainesville
O'Hara, Mrs. Emma	Gainesville
O'Hara, Milbrey E.	Ellaville
Oliver, Leo (Miss)	Gainesville
Olsen, Iona	Punta Gorda
Olsen, Emma Olivia	Punta Gorda
Olson, Mrs. Clara McDonald	Gainesville
Otte, Burton J. H.	Gainesville
Ousley, Nona Elethia	Coconut Grove
Outzs, Mrs. Eunice A.	Madison
Overhultz, John Nelson	Bushnell
Owen, Mildred Evona	Webster
Pacetti, Mrs. Macy Marion	St. Augustine
Padgett, Faith Florence	Gainesville
Park, Alice Margaret	St. Petersburg
Parker, Fronia E.	Live Oak
Parker, Helen	Gainesville
Parker, Mary Blanche	Quitman, Ga.
Parker, Pearl	Bunnell
Parnell, Gwendolyn	Live Oak
Parrott, Ernest Milford	Cordova, Tenn.
Parrott, Mrs. Rachel Adeline	Cordova, Tenn.
Patten, Mary	Tampa
Payne, Alva	Lake City
Payne, Irene Marie	Inverness
Peacock, Audrey C.	Perry
Peacock, Joseph Troy	Marianna
Pearson, Mrs. Vera	Hialeah
Peck, Mrs. Maude Wilson	Bay Lake
Peek, H. E.	Jacksonville
Peek, Mrs. Mary Elizabeth	Jacksonville
Peel, Henry	Sarasota
Peeler, Mrs. Casper S.	Gainesville
Peeples, Benjamin Franklin	Winter Haven
Peeples, Vasco E.	McAlpin
Pentreath, Ada Constance	Miami
Pepper, Louis Calvert	Gainesville
Percival, Nina I.	Dade City
Perkins, Carroll C.	Gainesville
Perkins, Marion Denning	Gainesville
Perkins, Mrs. Ruth H.	Wildwood
Perlman, Sol Jay	Jacksonville
Perloff, Ben	Jacksonville
Perry, Clara Louise	Summerfield
Perry, (Miss) Eddie	Barberville
Perry, Mildred E.	Gainesville
Perry, Mrs. Sue Mae	Punta Gorda
Perryman, Vivian Irene	Lecanto
Peters, Clara Lea	Wauchula
Peters, Paul Edward	Chipley
Peterson, Frank Lon	Miami
Petroutsa, Anthony John	Jacksonville
Pettit, Effie Doan	Waldo
Phillips, (Miss) Johnnie G.	Wauchula
Phillips, Mrs. Theresa Frances	Orlando
Phinney, Jessie Wheelock	Palatka
Pickering, Mrs. Rebecca L.	Eastport
Pickett, Erma May	Jacksonville
Pickren, Mrs. Daisy	Gainesville
Pickren, Pansy	Gainesville
Pilkenton, Fannie Belle	McIntosh
Pinder, Mary Louise	Key West
Pinholster, Geo. Dewey	Bunnell
Pinholster, Mrs. Geo. D.	Ormond
Pinkham, Katherine Agatha	St. Augustine
Pinney, Mrs. Lois	Brewster
Pirenian, Zareh M.	Gainesville
Platt, Mrs. Irene S.	Boca Raton
Polk, Mrs. Harriet Poyntz	Jacksonville
Poole, Daisie	Miami

Name	Address
Poppell, Edward R.	New Smyrna
Poppell, Rubie Mae	Starke
Poppell, Thos. Jay	Groveland
Portner, Alice Regina	Winter Park
Potter, David Wilfred	St. Augustine
Potter, Wm. Homer	Vernon
Powell, Marie	Jacksonville
Powell, Mrs. Stella Mae	Miami
Powers, John Lay	Wabasso
Powers, Keitha Rose	Lakeland
Prevatt, John Pearl	Valdosta, Ga.
Price, Mildred Caldwell	Tampa
Price, Robert Lee	Graceville
Priest, Clarence Patrick	Sanford
Prince, Thomas Chafer	Jacksonville
Proctor, Mrs. Suelaw	Summerfield
Pryor, George W.	Laurel Hill
Pugh, Elizabeth	Haines City
Pyle, Winifred Faustine	DeLand
Quarles, Mrs. Sue Pritchett	Ojus
Quinn, Adna	Polk City
Radd, Lucian	Palmetto
Rader, Rachel E.	Lakeland
Ralls, Ella	Arcadia
Ransone, Ruth	Wimauma
Raulerson, Annabel	Waldo
Raulerson, Isabel Louise	Waldo
Rawls, Agnes Donia	Tampa
Read, Mrs. Anna L.	Jacksonville
Read, Helen M.	Quincy, W. Va.
Read, Paul	Jacksonville
Reddick, Elizabeth	Williston
Reed, Betty Woodworth	Jacksonville
Rehwinkel, Jennings A.	Crawfordville
Reichelderfer, Mrs. Mabel	Raleigh
Reithmeier, Amandus	Brandon
Rembert, Mrs. Alma McCook	Stuart
Rembert, Alma Omerea	Stuart
Rencher, Mrs. Mamie Lee	Winter Park
Reuben, Victor Marvin	Coral Gables
Revels, Alice Irene	Florahome
Reynolds, Frank	Citra
Reynolds, Frederick R.	Gainesville
Rhoden, Lucille Marie	Gainesville
Rice, Joseph Daview	Gainesville
Rice, Mrs. Ora Stamps	Sarasota
Richards, Virgil Long	Orlando
Richards, Wilson James	Baker
Richardson, Elvira A.	Madison
Richardson, Leitha James	High Springs
Richardson, Lois B.	High Springs
Richey, Horace Edgar	Coral Gables
Richey, Mrs. Tommie Lee	Tampa
Ridenour, H. E., Jr.	Gainesville
Ridenour, Mrs. Janet Marie	Archer
Rider, A. Leech	Tallahassee
Ridgell, Sadie A.	Gainesville
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Schiller, Carl Parker	St. Petersburg
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Sellers, Myrtle Mildred	Wauchula
Sellers, Sarah Gladys	Wauchula
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Shockley, Beulah	Altoona
Shouse, Gladstone Arthur	High Springs
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Sikes, Grace Olis	Palmetto
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Silverman, Millie Gertrude	Tampa
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Simmons, Wilma	DeFuniak Springs
Simonton, Lillian	Live Oak
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Skinner, Evelyn Van	Archer

Name	Address
Slater, Rubye Christeen	Graceville
Slaughter, Hattie D.	Groveland
Slocum, Edna Woodrow	Branford
Slocum, Ruby Irene	Branford
Slone, Evelyn Amanda	Ocoee
Slott, Minnie Lucille	Ocala
Smith, Addie	Lakeland
Smith, Bertie	Pensacola
Smith, Cecil Lee	Dade City
Smith, Mrs. Chloe	Oxford
Smith, Christine	Oxford
Smith, Daisy Rae	Tampa
Smith, Don W.	Gainesville
Smith, Doris Anne	Oakland
Smith, Dorothea Hopkins	Gainesville
Smith, Elizabeth McDaniel	Tampa
Smith, Mrs. Eula LeCroy	Gainesville
Smith, Fannie Olivia	Winter Haven
Smith, Flossie M.	Webster
Smith, Glenn Earl	Tarpon Springs
Smith, Heyburn Dale	Oneco
Smith, Inez Lavinia	Hardeetown
Smith, James Emery	Cypress
Smith, Margaret McMillan	Gainesville
Smith, Marian M.	Gainesville
Smith, Moering Wright	Parrish
Smith, Myrtle Davis	Largo
Smith, M. Mac	Winter Park
Smith, Nellie J.	Summerfield
Smith, Pearl Gertrude	Jacksonville
Smith, Ruth Elizabeth	Ft. Myers
Smith, Wilma	Orange
Solomons, Mrs. Bama Louise	Perry
Sparkman, Mary Catherine	Plant City
Sparks, Milbra A.	Aucilla
Spradley, James Edwin	Crestview
Stafford, Doris Isabel	St. Petersburg
Stalker, Ethel Mae	Seffner
Stallings, Anne H.	DeLand
Stalney, Lillie	Branford
Standley, Graynella Ethel	Jacksonville
Stanfill, Maurice Edward	Lake Butler
Stanford, Bessie L.	Arcadia
Stanford, Miriam Olla	Ocoee
Stapleton, Mrs. Gladys Emma	Tampa
Starke, Wilma	Bowling Green
Stearns, George Leslie	Jacksonville
Stebbins, Mrs. Gladys Mae	Tampa
Steen, Mittie C.	Saint Cloud
Steen, Vernon C.	Gainesville
Steffee, Mary S.	Kissimmee
Steele, Leola	Winter Park
Steele, Mrs. Rea	Panama City
Steinmetz, Richard C.	Allentown, Pa.
Stephens, Carl Wilson	Ona
Stephens, Mrs. Elsie Grace	Bradenton
Stephens, Eugene N.	Monticello
Stephens, Mildred Emily	Lakeland
Stephenson, Ray W.	Gainesville
Stephenson, Mrs. Ray W.	Gainesville
Stevens, Wm. D.	So. Jacksonville
Stevens, Wm. Garrett	Gainesville
Stewart, Annie Belle	Tampa
Stewart, Mrs. Ella	Wildwood
Stewart, Evelyn K.	Kissimmee
Stewart, Mrs. Kathleen Rencher	Apopka
Stewart, Robert Wilson	Leesburg
Stokes, John P., Jr.	Miami
Stone, M. L.	Blountstown
Strachan, Mrs. Clyde Richards	Tampa
Strange, Lois	Dunnellon
Stringer, Helen J.	Lakeland
Stringer, Orum Himes	Lakeland
Strother, Lydia	Orange Lake
Stubbs, Lorraine	Claxton, Ga.
Suggs, Ola Mae	Lake Worth
Summerlin, Mildred Evelyn	Ft. Pierce
Sumner, Mrs. Irene W.	Summerfield
Sumner, Robert Glen	Summerfield
Surrency, Aileen	Jacksonville
Sutton, Merle	Palm Harbor
Swann, Louella Ruth	Palmetto
Swearingen, Mrs. T. J., Jr.	Gainesville
Sweat, Elva Elizabeth	O'Brien
Sweat, Mrs. Grace H.	Wimauma
Sweat, Samuel David	Branford
Sweat, Mrs. Virginia	Live Oak
Swinington, Carey Ellis	Bradenton
Swords, Mary Ellen	Gainesville
Syfrett, Jesse M.	Green Cove Springs
Takahashi, Nelson	Gainesville
Taylor, Andy D.	Ft. Green
Taylor, Calffrey W.	Plant City
Taylor, Mrs. Dorothy Ione	Cordele, Ga.
Taylor, Lilla Bess	Jacksonville
Taylor, Martha	Gainesville
Taylor, Maurice Enoch	Dade City
Taylor, Mrs. Maurice E.	Dade City
Tedder, Paul Matthew	Canal Point
Tenney, A. W.	Gainesville
Teston, Clarice	Bunnell
Tharp, Mrs. Mamie L.	Tampa
Thomas, Mrs. Elizabeth H. W.	Palm Beach
Thomas, Harvey Lee	Brooksville
Thomas, J. Harry Preston	Bostwick
Thomas, Mrs. J. Harry P.	Bostwick
Thomas, Mrs. Jessie Turner W.	Palm Beach
Thomas, Mrs. Lamirah Florence	Ft. Pierce
Thomas, Margaret Omerea	Gainesville
Thomas, Robert Y. H., Jr.	Jacksonville
Thomas, Susie Mary	Gainesville
Thomas, Mrs. Vera Mae	Center Hill
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Thompson, Mrs. H. S.	Kenansville
Thompson, Laudious Lawrence	Panama City
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Trapnell, Ouida	Metter, Ga.
Treadwell, Thomas Andrew	Aucilla
Trottman, Mrs. Rosemary W.	Zephyrhills
Trottman, Warren Ellis	Zephyrhills
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Turlington, Francis Wm.	Gainesville
Turner, Mrs. Dorothy Scharf	St. Petersburg
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Tyler, Mrs. Nora M.	Dunnellon
Tyndall, Vivian Elizabeth	Winter Garden
Tyree, Mrs. Annie May	Tampashores
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Van Antwerp, Mrs. Marie K.	Tampa
Van Fleet, Mrs. Flossie S.	St. Petersburg
Van Fleet, Ralph Bruce	St. Petersburg
Van Valkenburg, Mabel	Umatilla
Vassie, Marie Abigail	Mulberry
Vaughn, Lila Gray	Lake City
Veber, Mrs. Iva C.	Coral Gables
Von Harten, Lillie	Jacksonville
Voorhees, Richard Kenneth	Cantonment

Name	Address
Wade, Eva Louise	Charlotte Harbor
Wadley, Etta	Tampa
Wakefield, Homer E.	Madison
Wakefield, John W.	Apalachicola
Waldron, Bessie Lee	Chiefland
Waldron, Nellie Evelyn	Bradenton
Walker, Allen	Fort White
Walker, Mrs. Herman	Bradenton
Walker, Ion Sessions	Tampa
Walker, Solomon Lloyd	Perry
Walker, Thomas George	Everglades
Walker, Mrs. Una	Fort White
Wallace, Howard Keefer	St. Petersburg
Wallace, Julian Howard	Gainesville
Wallace, Mrs. Ruby Ware	Worthington
Walsingham, Gladys A.	Largo
Walter, Flora Eveline	Orlando
Walters, Edna Marguerite	Vero Beach
Walton, Peter Wyche	Sarasota
Wamble, Minnie Lee	Estero
Wampler, Ruth T.	Hastings
Ward, Annie Mae	Clearwater
Warnock, Elizabeth Alice	Inverness
Warren, Frank Melton	Perry
Warren, Lamar Gordon	Palatka
Warren, Richard	Gainesville
Warriner, Mrs. Agnes P.	St. Petersburg
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Wasson, Mrs. Lacy Fenwick	Ocala
Waters, May	Alachua
Watkins, Jim	Gainesville
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Watson, Mrs. Florence Hill	Tarpon Springs
Watson, James Franklin	Milton
Watson, Lucy Agnes	Trenton
Watson, Mrs. Nannie	Coleman
Watson, Wilma Ruth	Gainesville
Weaver, Mrs. Thelma McD.	Cottondale
Weaver, Wm. S.	Bristol
Webb, Thomas Roba	Winter Garden
Welborn, Elizabeth Charles	Jacksonville
Wells, Andrew J. G.	Crystal River
Wells, Bertha Alma	Waycross, Ga.
Wells, Idella Ellen	Crystal River
Wells, Mrs. Idella	Crystal River
Wende, Agnes Carrie	Havana
Wentworth, Alton H.	Carbur
Wentworth, Mrs. Ethel H.	Shady Grove
West, Grace Scott	Ocoee
Westbury, Harry E.	Gainesville
Westbury, Smith David	Grover, S. C.
Weston, Mary Elizabeth	Gainesville
Wetmore, Mildred Jaunita	Lake Wales
Whatley, Mrs. Minnie W.	Clearwater
Wheeler, Bureon Kylus	Montverde
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Wheeler, Joseph Augustus	Miami
Wheeler, Joseph Drew	Micco
Wheeler, Mrs. Nora	Jacksonville
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Whiddon, J. Pauline	Ashburn, Ga.
Whilden, Seta E.	Plant City
Whitaker, Mildred Rebecca	Ocoee
White, Paul E.	Sebring
White, Mrs. Rosa Belle	Ocoee
White, Ruth	Gainesville
Whitehead, Mildred H.	Hollister
Whitehead, Nora	Milton
Whitehead, Ruth H.	Hollister
Whitelaw, Dave	Floral City
Whitelaw, Ione	Floral City
Whittle, Clemmie Elizabeth	Clearwater
Whitton, H. A.	Ponce de Leon
Wicker, Mrs. Emma D.	Coleman
Wier, Sarah Lanier	Tampa
Wiggins, Wilma LaForest	Plant City
Wike, Rufus Long	Miami
Wilby, Anne	Lake City
Wilcox, Flora Belle	Avon Park
Wilder, Jennie B.	Knights
Wilder, Maude	Gainesville
Wilkins, James Alvin	Ft. Green
Willey, Ronald T.	Coral Gables
Williams, Alta Christine	Arcadia
Williams, Angelo David	Gainesville
Williams, Chas. A.	Miami
Williams, Chas. M.	Trenton
Williams, Mrs. C. M.	Trenton
Williams, Hugh	Lee
Williams, John Franklin, Jr.	Tallahassee
Williams, John Wm.	Fairbanks
Williams, Lera Marie	Perry
Williams, Loys Helga	Odessa
Williams, Marie Amelia	Dunnellon
Williams, Mrs. Maxine F.	Gainesville
Williams, Mrs. Rosabelle	Dunnellon
Williams, Thomas Harold	Lake City
Williams, Vera Anna	Jacksonville
Willis, Claudelle	New Smyrna
Willis, Mrs. Flora B.	Gainesville
Willis, Katy	Largo
Willis, Susie B.	New Smyrna
Wilsey, Mrs. Jeannette	Miami
Wilson, Bertha	Green Cove Springs
Wingert, Earl Perry	Gainesville
Winston, Frances	Gainesville
Winter, Thurston P.	Oakland
Wise, Anne	Tampa
Wisenbaker, Clifford (Miss)	High Springs
Wisenbaker, Mae Belle	Valdosta, Ga.
Witt, Myrtice Lenorah	Lake City
Witt, Otto Valentine	Lake City
Wood, Harry Evins	Alachua
Wood, Myrtle Lee	Alachua
Woodard, Willie Mae	Gainesville
Woodberry, Robert McTyer	Orlando
Woods, Bertha J.	Bowling Green
Woodwell, Ruth Adams	Madison
Wooley, Florence	Live Oak
Word, Frances	Shawmut, Ala.
Wray, Irene	Haines City
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Wyse, John Hope	Longwood
Yarnall, Frank Dent	Winter Park
Yawn, Cecil P.	Graceville
Yeagle, Mrs. Mildred J.	Hallandale
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Yongue, Edna Elizabeth	Fairfield
Yongue, Mrs. Leila O.	Fairfield
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Young, Eddie Louis	Lake City
Young, Ila Maxine	Oviedo
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Zentgraf, Robert Louis	Gainesville
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Zimmerman, Daniel Earl	St. Petersburg
Zipperer, Penny Well	Madison
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Flagler	6
Franklin	2
Gadsden	22
Gilchrist	3
Gulf	4
Hamilton	6
Hardee	29
Hendry	3
Hernando	5
Highlands	11
Hillsborough	229
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Lafayette	3
Lake	55
Lee	12
Leon	35
Levy	10
Liberty	3
Madison	14
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Okeechobee	5
Orange	79
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Pinellas	100
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Putnam	25
St. Johns	41
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Sumter	9
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Taylor	8
Union	2
Volusia	53
Wakulla	2
Walton	16
Washington	6

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Connecticut	1
District of Columbia	1
Florida	2121
Georgia	20
Idaho	1
Illinois	8
Indiana	8
Iowa	2
Kansas	2
Kentucky	2
Maine	2
Maryland	2
Massachusetts	2
Michigan	3
Minnesota	2
Mississippi	3
Missouri	3
New Hampshire	2
New Jersey	4
New Mexico	1
New York	11
North Carolina	5
North Dakota	2
Ohio	7
Oklahoma	1
Pennsylvania	7
South Carolina	12
Tennessee	6
Texas	1
Vermont	1
Virginia	2
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1928-29

College of Arts and Sciences:			
Freshmen, A. B.	88		
Freshmen, B. S.	156		
Freshmen, Pre Med.	73	317	
Sophomore, A. B.	94		
Sophomore, B. S.	55		
Sophomore, Pre Med.	46	195	
Junior, A. B.	35		
Junior, B. S.	33	68	
Senior, A. B.	19		
Senior, B. S.	18	37	617
College of Commerce and Journalism:			
Freshmen, Bus. Adm.	141		
Freshmen, Journ.	18		
Freshmen, Soc. Adm.	2	161	
Sophomore, Bus. Adm.	108		
Sophomore, Journ.	12	120	
Junior, Bus. Adm.	63		
Junior, Journ.	11		
Junior, Soc. Adm.	1	75	
Senior, Bus. Adm.	29		
Senior, Journ.	2	31	
Special, Bus. Adm.	10		
Special, Journ.	3	13	400
College of Engineering and Architecture:			
(Engr.) Freshmen	101	101	
Sophomore, Civil Engr.	33		
Sophomore, Elec. Engr.	32		
Sophomore, Mech. Engr.	10		
Sophomore, Chem. Engr.	9	84	
Junior, Civil Engr.	18		
Junior, Elec. Engr.	26		
Junior, Mech. Engr.	9		
Junior, Chem. Engr.	6	59	
Senior, Civil Engr.	17		
Senior, Elec. Engr.	7		
Senior, Mech. Engr.	4		
Senior, Chem. Engr.	2	30	
Special Students	19	19	293

(Arch.) Freshmen	18		
Sophomores	19		
Juniors	16		
Seniors	9		
Special Students	7	69	362
Teachers College:			
Freshmen	176		
Sophomores	105		
Juniors	56		
Seniors	31		
Specials	10		378
College of Law:			
First Year	112		
Third Year	76		
Fourth Year	82		
Graduates	1		
Specials	2		273
College of Agriculture:			
Freshmen	60		
Sophomores	40		
Juniors	27		
Seniors	17		
Special Students	26		170
Graduates:	90		90
College of Pharmacy:			
Freshmen	29		
Sophomores	23		
Juniors	9		
Seniors	2		
Special Student	1		64
Total			2354
Less duplicates:			
Double registrations		8	
Because of transfers from one college to another at beginning of second semester		76	84
Grand Total			2270

COMPOSITE OF ALL COLLEGES

Freshmen	862
Sophomores	586
Juniors	310
Seniors	157
Special Students	76
Law Students	273
Graduates	90
Total	2354
Less duplicates as above	84
GRAND TOTAL REGULAR SESSION	2270

Women students (included in the above total)

Graduates	2
Agriculture	3
Teachers	2
	7

SUMMARY OF ENTIRE YEAR

Regular Session 1928-29	2354
Summer Session 1927	1617
Total Registrations	3971
Less all duplications	297
GRAND TOTAL FOR YEAR	3674

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University of Florida

GAINESVILLE, FLORIDA

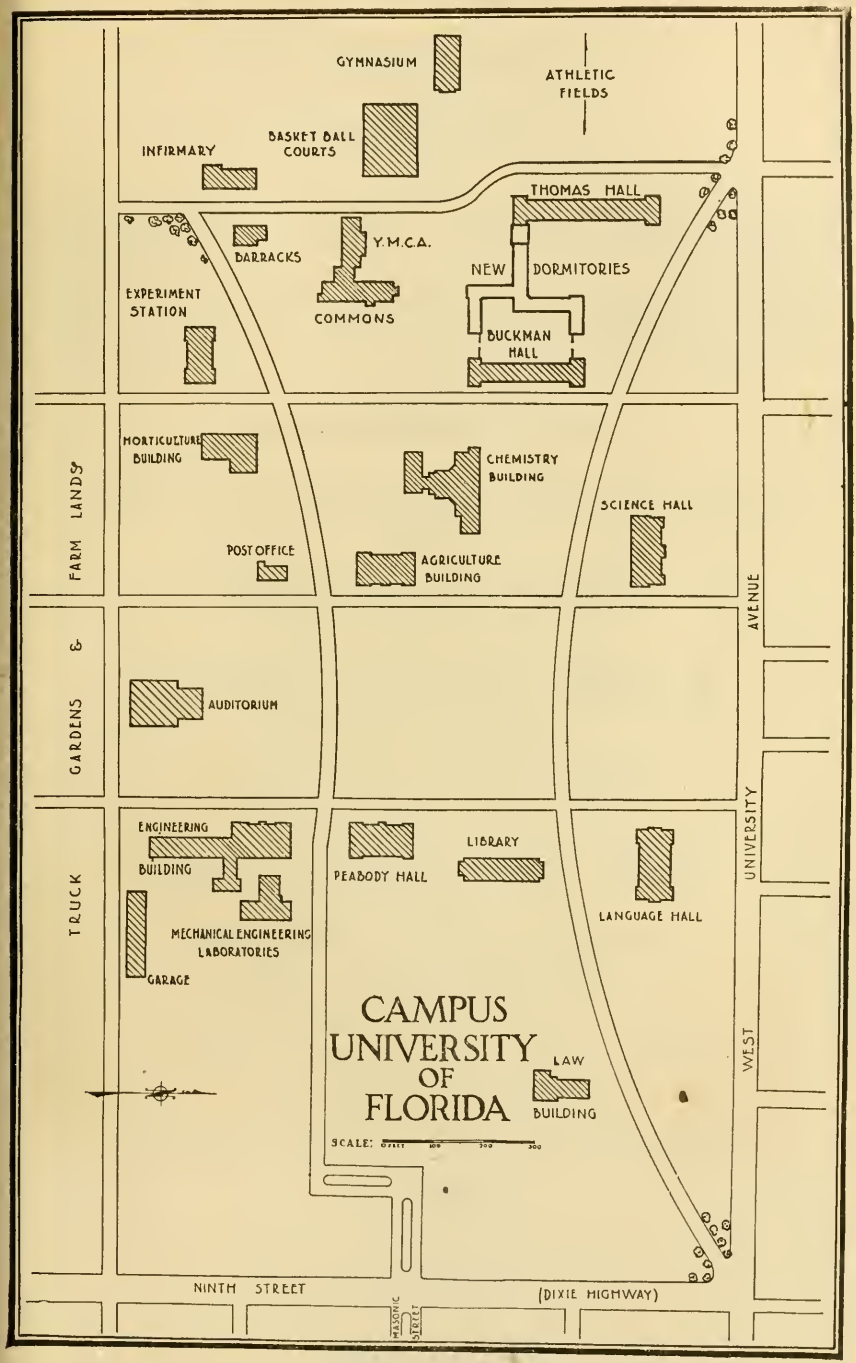
University Summer School

Co-Educational

June 10 to August 3, 1929

Announcement

JOHN JAMES TIGERT, A.M. (OXON), D.Ed., Ph.D., LL.D.
New President of the Univerity of Florida


GYMNASIUM
ATHLETIC FIELDS
INFIRMARY
BASKET BALL COURTS
THOMAS HALL
BARRACKS
Y.M.C.A.
NEW DORMITORIES
EXPERIMENT STATION
COMMONS
BUCKMAN HALL
HORTICULTURE BUILDING
CHEMISTRY BUILDING
SCIENCE HALL
POST OFFICE
AGRICULTURE BUILDING
AUDITORIUM
ENGINEERING BUILDING
LIBRARY
PEABODY HALL
LANGUAGE HALL
MECHANICAL ENGINEERING LABORATORIES
GARAGE
CAMPUS UNIVERSITY OF FLORIDA
LAW BUILDING
SCALE:
NINTH STREET
(DIXIE HIGHWAY)
FARM LANDS
GARDENS &
TRUCK
AVENUE
UNIVERSITY
WEST

SUMMER SCHOOL

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HISTORICAL NOTE

The University of Florida Summer School is now a part of our educational program so well established as to be taken for granted. It may not be wise, however, to forget the early stages, the pioneer work from which came our present favored condition.

The enactment of a uniform examination and certification law in 1893 forced teachers and aspirants to prepare themselves for the examinations. At first principals in the larger places held private schools with courses to the purpose. Necessarily the fees were low, the term short, the method intensive cramming, the venture precarious.

During this period, the number of public schools increased rapidly, courses were enlarged, standards raised. To meet this situation the State began to employ the more able teachers to conduct summer schools at centers most suitable, the terms being from four to six weeks, depending upon attendance. The private "teacher-training" schools continued, some even flourished for a season. Standards continued to be raised, however, and needs increased so rapidly that the State began to support more liberally summer schools, no longer conducted here and there, but at Tallahassee and Gainesville.

A steady growth of the University Summer School has resulted naturally from this putting of the training of teachers upon a more dignified and dependable basis. From an enrollment of 140 in 1913, the attendance increased to 1,686 last summer. There has been, of course, corresponding expansion in every phase and feature of the Summer School, as may be seen by a perusal of this Bulletin.

GENERAL STATEMENT

The twentieth annual session of the Summer School of the University of Florida will open Monday, June 10 and close Friday, August 2, the session lasting eight weeks.

Summer study is growing in popularity all over the United States. Each year a greater majority of teachers are seeing the importance of summer study.

What is more, the Summer School, generally speaking, has come to be recognized as an annual event of real and increasing importance to higher education, and the University Summer School has accordingly, become an established feature of the work of the University of Florida. The cordial reception and generous commendations of the work of previous summer sessions encourages us to put forth still greater efforts to make the session of 1929 an improvement over all those that have preceded it.

THE UNIVERSITY CITY.—There are many features of the Summer School other than classroom work that will prove to be conducive to that larger life which should permeate all citizens, especially that of teachers. The advantages that Gainesville presents as the seat of the Summer School are numerous. It is centrally located and easy of access. It has well-paved, lighted and shaded streets, an exceptionally pure water supply, and a good sewerage system. The citizens are energetic, progressive, and hospitable.

BUILDINGS AND EQUIPMENT.—The entire equipment of the University is at the service of faculty and students. The buildings are for the most part magnificent three-story brick and stone structures. They are modern in every respect as to equipment and arrangements. They contain the kind of lecture rooms, laboratories and libraries that a modern college needs. Below under "Rooming Facilities" and "Expenses," attention is called to the accommodations in the dormitories and Commons.

FOR WHOM THE SUMMER SCHOOL IS INTENDED.—Work may be taken in the Summer Session for either undergraduate or graduate credit. A special effort is being made to offer teachers every opportunity for professional improvement and to help them to qualify for higher types of certificates and for

the extension of certificates. More specifically, the courses in the summer session are designed to meet the needs of the following persons:

1. Teachers who wish to increase their professional skill, to revise and extend their knowledge of a chosen field, or to qualify in new subjects, preparing to meet special demands in the profession of teaching.

2. School superintendents, principals, supervisors, and other officers. Teachers and supervisors of agricultural education, drawing and art, music, nursing education, physical education and coaching, and the usual academic subjects, will find work especially suited to their needs.

3. Teachers and prospective teachers who desire to secure a high grade teacher's certificate. Extensive opportunities are offered for the review of all subjects required in the state teachers' examinations.

4. Graduate students, especially in the field of Education, though graduate students may major in other departments of the University.

5. Undergraduate students, and especially those registered in the fall and spring semesters of the University. Such students may use to advantage a portion of the vacation period to take up studies which they are unable to include in their regular programs, or to make up deficiencies, or to shorten their courses.

6. High school graduates who are about to enter upon regular university courses and who desire to broaden their preparation for university work.

7. High school students who are not graduates. Such students are sometimes able to make up deficiencies in their high school work. It should be understood, however, that they must make arrangements with their high school principals for receiving credit for work covered. *The Summer School does not grant high school credit,* and in no case should high school principals grant more than a fourth of a year's credit for work covered in one Summer School.

Special arrangements may be made for college entrance examinations.

THE LIBRARY.—The University Library contains about 60,000 volumes. Many new titles have been added during the past year. The Pedagogical library will be of especial interest to the Summer School students for it contains many books on educational theory, general and special methods, history of education, psychology and philosophy. All books are classified according to the Dewey Decimal Classification. The catalog is a dictionary catalog of authors, subjects and titles in one alphabetical arrangement.

The library receives 420 general and technical periodicals, the current numbers of which are to be found in the reading room. The files of bound periodicals are particularly valuable for use in reference work. Many of the daily and weekly state papers are donated by the publishers.

The Library now occupies the first part of the first unit of the Library Building. The main reading room is on the second floor and has a seating capacity of 336. The lighting is semi-indirect with approximately ten foot candle on the reading tables. The room is completely equipped with electric fans to make it more comfortable in warm weather.

Attention is called to the courses in Library Science for the benefit of those teachers who wish to equip themselves better for managing the libraries of their own schools.

The Library will be open week days from 7:50 A.M. to 10:00 P.M., except that on Saturday it will close for the day at 5:00 P. M.

THE AUDITORIUM.—This magnificent building is considered by many to be the most commodious structure of its kind on any campus in the South. The Anderson Memorial pipe organ is installed in this building. It is hoped that extensive use may be made of the organ during the Summer School. In addition to the organ, a Steinway concert grand piano has been placed in the auditorium. All of this makes it possible for all entertainments, plays and recitals to be held on the campus this summer.

LECTURES AND ENTERTAINMENTS.—The Auditorium with a seating capacity of 1800, the magnificent pipe organ and the Steinway concert grand piano make the facilities for lectures and musical entertainments unsurpassed. A splendid program

CAST OF "PIRATES OF PENZANCE"—COMIC OPERA PRESENTED BY SUMMER SCHOOL OF 1928

is being arranged. At least one entertainment of this character is planned for each week. At the close of the session, the Department of Music, featuring the pupils in Voice, the Glee Club and the Orchestra, will put on a production of some popular light opera. It is hoped that a large number of good voices, both male and female will try out for this production.

A feature of the Summer School of 1928 was the production of Gilbert & Sullivan's comic opera, "The Pirates of Penzance," by students in the Voice Department and the Glee Club. The opera was produced under the able direction of Mrs. Alberta M. Worth, Head of the Voice Department, with the assistance of the Glee Club. It was elaborately staged, decorations and advertising being made by the Handwork classes and the classes in Art. The entire cast and chorus of fifty persons was beautifully costumed by Van Horn and Company of Philadelphia. No production has even been given in the University Auditorium which surpassed that of 1928 in beauty of detail and artistic presentation.

RELIGIOUS AND SOCIAL LIFE.—The moral and religious atmosphere at the Summer School is wholesome. The leading religious denominations have attractive places of worship and students are welcome at every service. Transportation is provided for those students who will attend. Twice each week a devotional service is held in connection with the Student Assembly.

THE Y.M.-W.C.A.—In connection with the regular student council a program of service will be carried on under the name of the "Y". The entire student body is served through this organization. Offices are in the "Y" Building and the secretaries in charge may be found there.

The principal points in the program are: Operating the "Y" building as a home or club including piano, Edison, reading matter, including the best dailies and magazines, committee room, kitchenette, telephone for local and long distance calls, ice water and games.

Service is given through an Information and Lost and Found Bureau. A student directory is kept of all faculty and students enrolled in the Summer School. Lost and Found articles may be turned in and efforts made to locate the owners.

An effort will be made to serve the many visitors who come to the campus throughout the summer. Report at the "Y" and ask for your friend.

Hikes, picnics and other socials are promoted during the session.

THE HONOR SYSTEM.—All class work at the University is on the honor basis. No espionage is practiced by teachers, and students will unanimously condemn and punish cheating.

COOPERATIVE GOVERNMENT.—Government of student life on the campus is cooperative between students and faculty. Cooperative government for the past few summers has proven successful because of the splendid spirit existing between faculty and students. Representatives elected from each section of the dormitories, and from the larger boarding houses together with a faculty committee meet weekly to plan constructively for the benefit of student life, and University interests. Suggestions from any member of the student body or faculty are welcomed at all times.

FACULTY ADVISERS

Members of the Summer School faculty will give every possible aid to students in helping them select their courses wisely. A wide variety of courses is offered so that each teacher may find that which he needs most. Any member of the faculty will gladly advise with students, but certain ones are designated to be of help to certain classes of students.

Professor B. A. Tolbert, Acting Dean of Teachers College, will advise with and register all teachers who wish to pursue courses in the Teachers College for college credit.

Professor W. A. Little will advise with all students who register for review courses and for extension of certificate.

Dean J. N. Anderson, Dean of the College of Arts and Sciences and Chairman of the Graduate Committee, will advise with and register all students in the Arts and Science College and all persons who are working on their master's degrees.

Dean H. R. Trusler, of the College of Law, will consult with all students who wish to pursue courses leading to degrees in Law.

Dean Walter J. Matherly will advise with all students pursuing courses in the College of Commerce and Journalism.

Major W. L. Floyd will advise with all students who desire credit for work done in the Agricultural College during the summer.

The heads of departments of the college should be consulted about all matters concerning the work of their respective divisions.

The Dean of Women and the Dean of Men will gladly advise with any students who desire their services regarding any other matters concerning their comfort and welfare.

STUDENT HEALTH AND MEDICAL ADVICE.—The Summer School makes diligent effort to conserve the health of its students. The services of a resident physician assisted by consulting physicians of Gainesville have been secured for the Summer School of 1929. These eminent physicians will make free physical examinations and prescribe means for remedying physical defects. It is urged that early in the session all students apply at the infirmary for a thorough physical examination. Especially does this apply to those who must present health certificates when they apply for permission to take the state teachers' examinations. Heretofore many students have deferred this examination until so late in the session of the Summer School that much overcrowding has resulted. This should be attended to in the first two or three weeks of Summer School. The University maintains a well equipped infirmary and has professional nurses constantly in attendance for those who may be ill during the Summer Session. Opportunity is offered for individual and private conference with the University Physician or assistants.

Courses in Health Education are listed below under "Courses of Instruction."

ATHLETICS.—The gymnasium, basketball court, the baseball grounds and tennis courts are at the disposition of the students, and instructors are at hand to direct athletic activities. A well-kept golf course is near the University and for a nominal fee students of the Summer School are permitted to play on the course.

THE GENERAL ASSEMBLY.—All students and faculty members are expected to attend the General Assembly on

Tuesdays and Fridays at 10:00 o'clock. The Auditorium will seat about 1,800, and is near enough to the main lecture halls to make it easily accessible to all students.

Many important announcements will be made at the General Assembly, for the observance of which students will be held responsible, even though they may not be in attendance at the time.

SOCIETIES AND CLUBS. — The Peabody Literary Society meets weekly in the auditorium. Delightful and instructive programs are rendered at each meeting. All students of the Summer School are eligible for membership.

PHI KAPPA PHI.—A chapter of the Honor Society of Phi Kappa Phi was established at the University during the spring of 1912. To be eligible for membership a student must have been in attendance at the University for at least one year, or three summer sessions, have been guilty of no serious breaches of discipline, have had at least three years of collegiate training, be within one year of finishing a course leading to a degree, and stand among the first tenth of the senior class of the University. The numerical grade which must be attained is based on all college work, wherever done, for which the student receives credit towards a degree.

KAPPA DELTA PI.—Kappa Delta Pi is an honorary fraternity, similar to Phi Kappa Phi, except that only Juniors and Seniors in the Teachers College are eligible for membership. This fraternity plays an important part in the life of the Summer School.

Clubs are formed each summer from each county, and many interesting and delightful associations are formed among the students and the members of the faculty.

UNIVERSITY CLUB.—The University Club, opposite Language Hall, is open to faculty and graduate students. A social program is arranged for every week end.

THE SUMMER SCHOOL NEWS.—The Summer School News is published by the students in cooperation with the Department of English and a committee from the faculty. Through its columns the more important news of the campus is disseminated. Every registered student is automatically a subscriber and entitled to every issue from the date of registration.

DEMONSTRATION SCHOOL.—As in the past three years it is planned to include a Demonstration School in the program of the University Summer School. This summer it will consist of four grades as follows: a kindergarten, a combined first and second grade, a combined third and fourth grade, and a fifth and sixth grade.

The very best teachers in the state for this work will be employed, in order that the children may be given the best instruction possible. A busy child is a happy child, and it is our plan that these children have three hours each morning of delightful employment in music, organized play, stimulating handwork, as well as splendid work in reading, history, arithmetic, geography and other school subjects.

The children who attended last year were delighted with the work. The fifth grade children were taught how to use the library for reference; they organized a club among themselves, carried on their own meetings and worked out a play which they presented at the close of the term. The smaller children delighted their mothers at the close with a puppet show.

We can take care of only a limited number of children, and if you wish to enroll your child this should be attended to at once. The term lasts for six weeks, beginning Monday, June 18. Daily sessions extend from 8:30 to 11:30. A fee of $6.00 will be charged each child, which fee will cover only the actual materials used.

THE EMPLOYMENT BUREAU.—As the Teachers College and the Summer School wish to serve the whole state in every possible way, a Teachers' Employment Bureau was established several years ago. It is open throughout the year, except the vacation period immediately following the Summer School. Its duties are to assist students and graduates of the University to obtain positions in the teaching profession. From school officials it receives requests for teachers. From teachers it receives requests for information as to vacancies. It keeps on file both information as to vacancies and as to available teachers. When called upon the Bureau tries to meet the needs of both teachers and school officials.

The Director of the Bureau will be glad to be informed of present or prospective vacancies in positions for which col-

lege-trained men or women are eligible. No charges are made for services, though students are required to pay for all telegrams and telephone calls made in their behalf.

The aggregate yearly salaries of all teachers who secured positions through the Bureau in a recent summer was in excess of $324,675.00. Had the same positions been obtained through professional agencies, fees in excess of $16,233.75 would have been collected from the teachers. As the Employment Bureau made no charges whatever, it is readily seen that no small amount was saved the teachers of the state.

Communications in regard to teaching positions should be addressed to Dean J. W. Norman, University of Florida, Gainesville, Florida.

THE BULLETIN BOARDS.—Read the bulletin boards daily. Students and faculty members will be responsible for all notices appearing on the Bulletin Boards and in the Daily Summer School Bulletin Sheet.

REDUCED RAILROAD RATES.—The Southeastern Passenger Association has authorized reduced rates on the round trip identification plan from all stations except stations on N. O. G. R., R. F. & P., and W.-S. S. B. railways. The rates are based on fare and one-half for the round trip, the minimum excursion fare being one dollar. Round trip tickets will be sold students and members of their families only upon presentation of identification certificates to ticket agent at time of purchase of tickets. The identification certificates will be furnished by the Dean of the Summer School on application.

Tickets will be sold from June 6th to June 12th, inclusive, and the final limit of all tickets will be August 8th. All round trip reduced rate tickets must be validated by the regular ticket agent at Gainesville before the return journey is commenced.

In order that the nearest railroad ticket agent may have a supply of tickets on hand, students should make inquiry of him concerning these rates at least a week before purchasing tickets to Gainesville. Railroad ticket agents will not be able to supply the necessary "identification certificate". This can be secured only from the Dean of the Summer School.

Students are urged to avail themselves of the reduced rates by obtaining in advance from the Dean of the Summer School

an identification certificate or carefully preserving the one which will be enclosed in the letters written to prospective students.

COURSES IN ATHLETIC COACHING

The department of athletic coaching established as a part of the University Summer School, has proved one of the most successful departments in the session and has met a felt need among the teachers in the State. The chief purpose of the department is to meet a widespread demand for high school teachers who combine a knowledge of athletic coaching with their scholastic training. The department this year will be under the direction of Mr. C. W. Bachman, Coach of the University of Florida, with the assistance of Mr. A. N. Higgins, also of the University coaching staff. University gymnasium and equipment will be at the disposal of the students who register for this work.

LIBRARY SCIENCE

Libraries are more and more being regarded as educational institutions. Perhaps the most remarkable development in the field of modern secondary education is the rapid growth of the high school library in recent years. The administrative department and the library are the only two agencies in the high school that come in contact with all of the pupils. The school library is not, as many people think, a separate and independent organization in the school. It is a definite part of the school system and has something to contribute to all of the departments of the school.

The new Library Standards for Secondary Schools accredited by the Association of Colleges and Secondary Schools of the Southern States were adopted December 4, 1927. These Standards are to become effective at the beginning of the school year 1930-31. The demand for trained librarians is already greater than the supply. The question of where this additional training is to be given is a very important one. If given as summer school work in colleges and universities four summers will be required to meet type three in the Standards. The courses given must also follow the same requirements and give the same grade of work and the same amount of

credit as the established library schools is those taking the courses are to qualify for positions under the new Standards. For this reason the entrance requirements must be two years in an accredited college or the equivalent.

The cost of books will probably not exceed $5.00. A fee of $1.50 will be charged for Cataloging I and $1.50 for Book Selection I. These fees will be used to help cover the expense of supplies and mimeographing.

MUSIC DEPARTMENT

The Department of Music has been much broadened for this summer. Besides the work in Public School Music and Glee Club, we are offering special opportunity for private lessons in voice, piano and organ under most excellent teachers. As a culmination to the work of the Department, at the close of the Summer School a presentation of some popular light opera will be given. It is especially desired that good voices, both male and female, will try out at the beginning of the session for parts in this opera.

Mrs. Alberta Murphree Worth will have charge of the Voice Department. Mrs. Worth received her musical training at the Peabody Conservatory of Music in Baltimore, where she held a scholarship in voice under Baron Berthold, later studying with eminent teachers of this country and abroad. She studied for two seasons with Conrad Murphree, of Tampa, Florida, who is one of the most prominent voice teachers of the south. Mrs. Worth has had wide success as a teacher and concert artist, and the University is fortunate in having her this year for the fifth summer. The Department will offer two scholarships in voice this summer, one full scholarship paying tuition for two lessons per week for eight weeks, value $25.00, and one partial scholarship paying tuition for one lesson per week, value $12.50, the student to pay for one lesson per week. These scholarships will be awarded by competitive examination which will be held in the Auditorium immediately following the first Assembly period.

Mr. Claude Murphree, University organist, will give private lessons in organ by special arrangement.

COURSES IN NURSING EDUCATION

For the past three summers the University has offered courses in Nursing Education. These have proved very successful, and we are planning this summer to expand the work still more. Miss Alma Gault, of the Illinois Training School for Nurses, Chicago, will return this summer to offer the work. The courses are designed to train graduate nurses for administrative work in hospitals and training schools. This is a comparatively new line of work, and is gaining in prestige all over the United States.

EXPENSES

The cost of attending the Summer School is very moderate when compared with that at many other institutions. There is no charge for tuition and fees are very low. The combined cost for a room on the campus and meals in the Commons is only $40.00 for the session. The cost of meals alone is $32.00 for the session. For laundry, incidentals and books, expenditures vary, but necessary expenditures are not very high. The estimate of the cost to a student living on the campus follows:

	High	Low
Tuition	$00.00	$00.00
Registration fee, residents of Florida	15.00	15.00
Registration fee, non-residents of Florida	17.50	17.50
Board and Lodging in Dormitory:		
In advance for the half term	21.00	21.00
In advance for the term	40.00	40.00
Board in Dormitory without lodging:		
In advance for the term	32.00	32.00
In advance for the half term	17.00	17.00
Board for children under eight:		
In advance for the term	16.00	16.00
In advance for the half term	9.00	9.00
Fees and Special Tuition:		
Fine Arts Courses per semester hour	4.00	4.00
Biology laboratory fee	5.00	5.00
Business Administration 211-212, per semester hour	1.00	1.00
Chemistry laboratory fee	5.00	5.00
Demonstration School fee	6.00	6.00
Kindergarten fee	9.00	9.00
Drawing fee (for materials used)	1.00	1.00
General Natural Science fee	3.00	3.00
Glee Club (music scores)	1.00	1.00

Library Science: Cataloging I fee	1.50	1.50
Book Selection I fee	1.50	1.50
Physical Education and Coaching fee	.50	.50
Physics laboratory fee	2.50	2.50
Primary Handwork fee (for materials used)	1.00	1.00
Tests and Measurements fee	1.50	1.50
Voice tuition per term (2 lessons per week)	25.00	25.00
Voice tuition per term (1 lesson per week)	16.00	16.00
Personal expenses:		
Books	8.00	3.00
Incidentals	16.00	8.00
Laundry	12.00	4.00

For students living off the campus, the estimated expense is the same except that room and board will be somewhat higher. However, good rooms adjacent to the campus can be obtained at from $6.00 to $12.00 a month per student, and board off the campus will cost about $7.00 a week. (See pp. 82-84.)

Only students will be admitted to the dormitories, but children may take meals with their parents in the Commons at the rates given in the above list. All accounts are payable in advance.

MONEY.—1. Students may deposit their money with the Auditor of the University and draw it out as needed.

2. The $5.00 sent to reserve dormitory room is not a registration fee. It is held as a breakage fee, and will be returned at close of term if no damage by student has been reported from dormitory.

3. The registration fee is paid at the time of registration.

Law College Fees.—The registration fee for those taking law is the same as that paid by other students. Any student in the Summer School who meets the entrance requirements of the College of Law will be permitted to take law courses without extra charge; but the combined academic and law work must not exceed nine semester hours.

REFUND OF FEES.—1. Fees paid in advance for room reservation will be refunded on application up to and including June 1st but not after that date.

2. If by Friday of the first week students for any reason wish to withdraw from the University, the fees paid less a flat overhead fee of $3.00, will be refunded. After this time there will be no refund of any fee.

3. A refund on the amount paid for room in the dormitories and board in the University Dining Hall, will be made on even weeks, and then only when cashier of commons is notified of date of departure. No refund will be made on fractions or parts of the week.

WHAT TO BRING.—All dormitory rooms are comfortably furnished with single iron bedsteads and mattresses, chiffonier or bureau, a table, washstand and chairs. All students are required to provide for themselves a pillow, bed linen, towels, and other things as they may want for their own special comfort and convenience. Dormitory rooms may be reserved at any time, and the deposit of $5.00 is payable by each student reserving dormitory space. This must be in hand before May 1st, or reservations made prior to that time will be cancelled and given to later applicants.

Students who prefer to room off the campus, may secure good rooms and board at a reasonable rate. Only women students may be admitted to the dormitories. Married couples will not be permitted to room on the campus.

TEXTBOOKS.—The University maintains a depository for the convenience of students where all necessary books may be had at list prices. Students may well bring English dictionaries and other useful books of reference. Those studying courses for intermediate or grammar grade teachers should bring copies of the State-adopted supplementary texts in the subjects to be studied. All teachers should be supplied with copies of the Florida State Course of Study. These may be secured from the Pepper Printing Co., Gainesville, Florida.

Students in Education courses should bring with them professional books and textbooks related to the courses they plan to take.

SCHOLARSHIPS.—*County and Senatorial Scholarships.*—At the meeting of the Legislature in 1923, a scholarship law was passed providing for two scholarships from each county in the State, one to the Teachers College of the University of Florida, and one to the School of Education at the State College for Women. At the 1927 session of the Legislature, this Act was amended to provide as many scholarships as there are legislators and senators. Each of these scholarships may be held for four years by the successful applicant

and carries a stipend of $200.00 per year. These scholarships may be applied for Summer School, paying $50.00 per summer to regularly enrolled Teachers College students. Examinations are held in each county on the first Thursday in June and third Thursday in September under the supervision of the county superintendent. A student to be considered as an applicant for a scholarship must present sixteen college entrance units. These scholarships are awarded upon competitive examinations to persons satisfying the entrance requirements of the University of Florida and of the Florida State College for Women. A student who desires to be considered as an applicant for a scholarship should make his desire known to his county superintendent before the first of May of each year. He should also write to the State Superintendent of Public Instruction at Tallahassee, telling him of his application for the scholarship.

VOICE SCHOLARSHIPS.—Two scholarships in Voice will be offered by competitive examination. See Music Department, p. 24.

LOAN FUNDS.—On June 27, 1927, the "Florida State Scholarship Fund" was approved and established by the Student Council of the University of Florida Summer School, and on August 2, 1927, the "College Girls Club Scholarship Loan Fund" was approved and established by the College Girls Club of the University of Florida Summer School. In order to be eligible to share in these funds, the following regulations must be adhered to:

(1) Applicant must be a teacher in the State of Florida.

(2) Applicant must have a position for succeeding term of school.

(3) Applicant must be in need of aid.

(4) Applicant must apply for Scholarship Loan at least two weeks before opening of the Summer School.

(5) Application must be made direct to Dean of Summer School.

(6) Applicant must be recommended by two school officials of the county in which he or she is teaching at the time of application.

(7) Loans are to be used for attendance at the University of Florida Summer School.

(8) Loan will be for a period not to exceed nine months from the date on which Summer School begins.

(9) Loan is to bear interest at the rate of 8%, which will be added to the main fund.

Blank form for application for a scholarship loan will be furnished upon application to the Director of the Summer School.

ADMISSION TO SUMMER SCHOOL.—Graduates of Senior High Schools who can offer sixteen entrance units, including three (3) of English, two (2) of mathematics, one (1) of history and one (1) of Science, are admitted to the Freshman year of the Collegiate course.

Students under 21 years of age who register for college courses must present their high school credits to the Entrance Committee at time of registration.

Students are urged to pursue courses leading to a degree and to have themselves classified when they register. To facilitate proper classification, all students are requested to bring with them a certified transcript of the work they have completed in high school or in other colleges. Blanks conveniently arranged for this data will be sent to prospective students upon application.

Persons twenty-one or more years of age who cannot satisfy the entrance requirements, but who give evidence of ability to profit by the courses they may take, may be admitted as "adult specials."

No one under sixteen years of age will be admitted unless he is a graduate of a senior high school.

There are no academic requirements for admission for those who register merely for review courses.

ADMISSION TO LAW COLLEGE.—Students already admitted to the College of Law and those presenting sixty-eight (68) semester hours of academic college work acceptable for a degree, are eligible to attend. Those taking law for the first time should present certificates showing the completion of the above work. See p. 68 for description of courses in Law to be offered in the Summer School.

ENTRANCE EXAMINATIONS.—For the large number of summer school students who have not finished high school and, hence, do not have sufficient entrance units to enable them to

enter the Freshman class, but yet are mature enough to profit by regular college work, entrance examinations will be arranged. All students should file with the Dean of the Summer School not later than May 20th petitions for examinations in each subject in which they wish to be examined.

ADMISSION TO ADVANCED STANDING.—Office hours will be held daily by the Committee on Advanced Standing in Room 105E, Language Hall, to evaluate the credits of those students who have attended other colleges and universities and who wish to receive advanced standing at the University of Florida. This office will, however, not be open after Saturday, July 27, as this Committee will have other duties during the last week of the Summer School. Students are, therefore, cautioned not to delay attention to this important matter later than this date.

DEGREES IN TEACHERS COLLEGE

DEGREES.—Courses are offered in Teachers College leading to the degrees of Bachelor of Arts in Education, Bachelor of Science in Education, and Bachelor of Science in Agricultural Education. In addition to these degrees, the Normal Diploma, sometimes called the L. I. degree, is granted to those students who have finished the second year's work in Teachers College. There is considerable agitation in the United States at present to make two years of training beyond the high school a minimum requirement for teaching even in the elementary schools. All students are therefore urged by all means to complete the requirements which are necessary to receive the Normal Diploma. Students who expect to teach in high school should possess a Bachelor's Degree.

CURRICULA.—On December 14, 1927, the Teachers College Faculty adopted four curricula for students in the Summer School, leading to the Normal Diploma and the bachelor's degrees.

1. A curriculum leading to the Normal Diploma and bachelor's degree for those who expect to teach in the primary grades. (See p. 32 for detailed curriculum.)

2. A curriculum leading to the Normal Diploma and bachelor's degree for those who expect to teach in the intermediate grades. (See p. 33 for detailed curriculum.)

3. A curriculum leading to the Normal Diploma and bachelor's degree for those who expect to teach in the Junior High School. (See p. 34 for detailed curriculum.)

4. A curriculum leading to the Normal Diploma and bachelor's degree for those who expect to teach in the Senior High School. (See p. 35 for detailed curriculum.)

5. On May 7, 1928, an alternate curriculum leading to Bachelor of Science in Education was adopted. This curriculum is particularly designed for those who are specializing in Physical Education and Coaching. (See General Catalog for detailed curriculum.)

GROUP REQUIREMENTS.—Each student in the Freshman year must select two of the six groups of studies as given on p. 36. In order to receive the Bachelor of Science in Education, the student must select and complete the required courses in Group E. It is recommended that Group D (Mathematics) be selected by these students for their second group.

REQUIREMENTS FOR THE BACHELOR'S DEGREES.—The following curriculum has been designed to meet the requirements for the degrees of Bachelor of Arts in Education and Bachelor of Science in Education. (For the requirements for the Bachelor of Science in Agricultural Education degree, see General Catalog of the University.)

CURRICULA

Curriculum Leading to Normal Diploma and Bachelor's Degree for Those Who Expect to Teach in the Primary Grades

FRESHMAN YEAR

*Physical Education 101-102	1	1
†Military Science 101-102	2	2
English 101-102	3	3
‡General Natural Science	4	4
‡‡General Social Science	2	2
Education 101	3	0
Education 122	0	3
Begin one Group (see p. 36)	3	3
	18	18

SOPHOMORE YEAR

*Physical Educ. 201-202	1	1
††Military Science 201-202	2	2
English 201-202	3	3
Education 121	3	0
Education 207	0	3
Education 203	3	0
**Philosophy 201	0	3
Courses in two Groups (See p. 36)	6	6
	18	18

JUNIOR YEAR

Education 308	0	3
Education 317	3	0
Continue two Groups (See p. 36)	6	6
Electives	6	6
	15	15

SENIOR YEAR

Education 403	3	0
Education 405	0	3
Finish two Groups (See p. 36)	6	6
Electives	6	6
	15	15

*Instead of Physical Education, women students may take Health Work (Education 103), which includes plays and games.

†Women students must take an equal number of credit hours in Drawing and Industrial Arts, or Education 123, for Military Science 101-102.

††Women students must take an equal number of hours in Public School Music.

**Students who expect to take the Normal Diploma must take Education 405 instead of Philosophy 201, in which case they must take Philosophy 201 in Junior Year.

‡Students who elect Group E are not required to take General Natural Science.

‡‡Students who elect Group F are not required to take General Social Science.

Curriculum Leading to Normal Diploma and Bachelor's Degree for Those Who Expect to Teach in the Intermediate Grades

FRESHMAN YEAR		
*Physical Education 101-102	1	1
†Military Science 101-102	2	2
English 101-102	3	3
‡General Natural Science	4	4
‡‡General Social Science	2	2
Education 101	3	0
Education 122	0	3
Begin one group (See p. 36)	3	3
	18	18

SOPHOMORE YEAR		
*Physical Education 201-202	1	1
††Military Science 201-202	2	2
English 201-202	3	3
Education 203	3	0
Education 207	0	3
**Philosophy 201	3	0
Two Groups (see p. 36)	6	6
Education 121	0	3
	18	18

JUNIOR YEAR		
Education 317	3	0
Education 308	0	3
Complete two Groups (See p. 36)	6	6
Electives	6	6
	15	15

SENIOR YEAR		
Education 403	3	0
Education 405	0	3
Complete two Groups (See p. 36)	6	6
Electives	6	6
	15	15

*Instead of Physical Education, women students may take Health Work, which includes plays and games.

†Women students must take an equal number of credit hours in Drawing and Industrial Arts, or Education 123, for Military Science 101-102.

††Women students must take an equal number of hours in Public School Music.

**Students who expect to take the Normal Diploma must take Education 405 instead of Philosophy 201, in which case they must take Philosophy 201 in Junior Year.

‡Students who elect Group E are not required to take General Natural Science.

‡‡Students who elect Group F are not required to take General Social Science.

Curriculum Leading to Normal Diploma and Bachelor's Degree for Those Who Expect to Teach in the Junior High School

Freshman Year		
Physical Education 101-102	1	1
Military Science 101-102	2	2
Education 101-102	3	3
English 101-102	3	3
‡General Natural Science	4	4
‡‡General Social Science	2	2
Begin one Group (see p. 36)	3	3
	19	19

Sophomore Year		
Physical Education 201-202	1	1
Military Science 201-202	2	2
Education 203	3	0
Philosophy 201	3	0
Education 207	0	3
English 201-202	3	3
Education (this must be 405 if student expects Normal Diploma)	0	3
Continue Group elected 1st year	3	3
Begin second Group (See p. 36)	3	3
	18	18

Junior Year		
Education 301	3	0
Education 408	0	3
Two Groups (see p. 36)	6	6
Electives	6	6
	15	15

Senior Year		
Education 403	3	0
Education 405	0	3
Education 401	3	0
Complete two Groups (See p. 36)	6	6
Electives	3	6
	15	15

‡Students who elect Group E are not required to take General Natural Science.

‡‡Students who elect Group F are not required to take General Social Science.

NOTE: Students who expect to be recommended as principals must take Education 308.

Curriculum Leading to Normal Diploma and Bachelor's Degree for Those Who Expect to Teach in the Senior High School

FRESHMAN YEAR		
Physical Education 101-102	1	1
Military Science 101-102	2	2
‡General Natural Science	4	4
‡‡General Social Science	2	2
English 101-102	3	3
Education 101-102	3	3
Begin one Group (See p. 36)	3	3
	18	18

SOPHOMORE YEAR		
Physical Education 201-202	1	1
Military Science 201-202	2	2
Education 203	3	0
Philosophy 201	3	0
Education 207	0	3
Education	0	3
English 201-202	3	3
Two Groups (see p. 36)	6	6
	18	18

JUNIOR YEAR		
Education 301	3	0
Education 408	0	3
Two Groups (see p. 36)	6	6
Electives	6	6
	15	15

SENIOR YEAR		
Education 401	3	0
Education 403	3	0
Education 405	0	3
Two Groups (see p. 36)	6	6
Electives	3	6
	15	15

‡Students who elect Group E are not required to take General Natural Science.

‡‡Students who elect Group F are not required to take General Social Science.

NOTE: Students who expect to be recommended as principals must take Education 308.

GROUPS

Each student must select two of the following groups of studies and complete the required courses in those two groups. For the Bachelor of Science in Education degree, Group E must be selected and completed.

A—Ancient Languages	B—Modern Languages	C—English
Latin 101-102 Latin 201-202 Latin 203-204 — 18 sem. hrs.	Fr. 21-22 Fr. 101-102 Fr. 201-202 or Span. 21-22 Span. 101-102 Span. 201-202 or Germ. 21-22 Germ. 101-102 Germ. 201-202 — 18 sem. hrs.	Eng. 101-102 Eng. 103-104 Eng. 201-202 Eng. 301-302 — 22 sem. hrs. Foreign Lang., 6 sem. hrs. Eng. or Foreign Lang., 6 sem. hrs. — 12 sem. hrs.
D—Mathematics	**E—Natural Science**	**F—Social Science**
Math. 101-102 Math. 331 Math. 251-252 Math. 568 — 18 sem. hrs.	Biol. 101 Bot. 101-102 Biol. 106 Chem. 101-102 Phys. 203-204 — 32 sem. hrs.	Hist. 101-102 Hist. 301-302 Hist. 303-304 Sociology, 6 hrs. Econ. 201-202 Pol. Sci. 101-102 — 36 sem. hrs.
G—Commercial Education		
Econ. 101-102 Bus. Ad. 81-82 Bus. Ad. 103-104 Bus. Ad. 211-212 Bus. Ad. 401 402 English 355 — 29 sem. hrs.		

REGULATIONS:

1. A total of 132 semester-hours is required for graduation.

2. In case a student is exempt from Military Science 101-102 and 201-202, he must substitute an equal number of hours from other departments.

REQUIREMENTS FOR THE NORMAL DIPLOMA. — A student who finishes the first two years of any one of the foregoing curricula may receive the Normal Diploma (sometimes called

the L. I. Degree), except that Education 405 must be taken before completing this work.

DEGREES FROM OTHER COLLEGES

For a description of the courses leading to degrees in all the other colleges on the campus, see the General Catalog of the University, or write to the Dean of the College in which you are interested.

OPPORTUNITIES FOR GRADUATE STUDY

As stated above, any course that is numbered above 300 may be counted as a minor subject. Any course that is numbered above 500 may be counted as a major. As a usual thing, undergraduate students are not permitted to register for courses that are numbered above 500.

A number of courses have already been arranged that may count as majors. Efforts will be made to arrange still others upon request. If the major work wished is not listed, requests for it should be made at an early date.

REQUIREMENTS FOR THE MASTER'S DEGREE.

1. A candidate for the Master's Degree must be in residence for at least one scholastic year, or four summer terms, devoting his entire time during this period to study and research.

2. In addition to registration for the courses which a graduate student wishes to take, he must have an application blank properly filled out and presented to the Chairman of the Graduate Committee not later than July 10th. These blanks may be secured at the time of registration from Dean J. N. Anderson, Chairman of the Committee on Graduate Studies.

3. He must complete one major and two minors. A major is a twelve semester-hour course of rank above the Senior Class. A minor is a six semester-hour course of rank above the Sophomore Class.

4. A thesis is required of all candidates. This thesis should be closely allied to the major subject. The title of the thesis should be submitted by the end of the first summer. The thesis itself should be completed and submitted by July

17th of the summer session in which the student expects to receive his degree.

5. All students who hold the bachelor's degree are urged to register for Education 527.

6. Passing grade for graduate students is B.

RESIDENCE REQUIREMENT.—In order to receive a degree, or Normal Diploma, from Teachers College, students must have spent at least one scholastic year in residence (three summer schools may be considered equivalent to a year in residence), and must have completed thirty (30) semester hours of college work in residence. In the case of candidates for the Normal Diploma twenty-seven (27) semester hours in residence will satisfy this requirement. These hours in residence, except in one condition, must be the last which one takes immediately prior to graduation. The exception is the case of students who take their degrees by attendance at the Summer School, in which case twelve (12), but never more, semester-hours of work by correspondence may be taken during the ten (10) months just prior to the Summer Session in which the degree is received. In every case, students must have completed thirty (30) semester-hours of work in residence and must have been in attendance at the summer session or scholastic term immediately prior to the reception of a degree.

AMOUNT OF CORRESPONDENCE WORK PERMITTED.—Students are not permitted to complete more than fifty per cent (50%) of the work toward a degree by correspondence.

Correspondence study courses may not at any time be offered to satisfy the residence requirements.

Students will not be permitted to take work by correspondence while they are in residence without the consent of the Dean of Teachers College.

CREDIT

SUMMER SCHOOL CREDIT.—The schedule of classes has been so arranged that a full semester's work may be completed in each course. The student will find the amount of credit which will be given for each course in the description of the various courses.

No high school credit is given, but students taking work of pre-college rank may arrange for entrance examinations in these subjects, if they wish to enter the University.

MAXIMUM AND MINIMUM HOURS

I. FOR COLLEGE STUDENTS.—Without special permission of the Teachers College Faculty, college students must take courses aggregating as many as 7 semester hours, but not more than 9 semester hours credit. Under some circumstances, students may petition the faculty to waive the above regulation. The following regulation governs such cases:

1. Students must first petition the Teachers College Faculty for permission to register for more than the usual amount of work, presenting this petition to the Dean of the Summer School.

2. Before being allowed to register for more than 9 semester hours credit, the student must show that he has attained an average of B in the term or Summer School immediately preceding, in which case he may be permitted to take 11 semester hours credit. In like manner, the student must show an average of A before he will be permitted to take as much as 12 semester hours credit. The faculty reserves the right to reduce the amount of credit received to 9 semester hours even if the subjects should be passed, unless the same high averages, respectively, are maintained.

3. Those who wish more than the required amount of work must have a thorough physical examination by the University physician.

4. Students will not be permitted to register for more than the usual number of hours until their petitions have been granted.

5. On account of the large number of regularly registered students in the classes, it has been found necessary to discourage visiting. Therefore, the faculty has ruled that students wishing to attend classes as visitors may be admitted only upon the presentation of a permission card issued by the Dean.

II. FOR STUDENTS IN REVIEW COURSES PREPARATORY TO THE TEACHERS EXAMINATIONS.—Students preparing for the

First Grade Certificate may register for Advanced Algebra, General Biology, Elementary Psychology, Rhetoric and General History, an aggregate of 25 hours.

Students preparing for the Second Grade Certificate may register for Elementary Agriculture, Civics, First Year Algebra, Arithmetic, Elementary United States History, and seven hours of electives, an aggregate of 25 hours.

Students preparing for the Third Grade Certificate may register for Spelling, Constitution of the United States, Arithmetic, Grammar, Composition, Geography, Elementary United States History and Education 101, an aggregate of 27 hours.

CERTIFICATES

GRADUATE STATE CERTIFICATES.—Graduates of the Teachers College are granted Graduate State Certificates without further examination, provided that one-fifth of their work has been devoted to professional training and provided that they have the recommendation of the Teachers College faculty. It is well for the student to note that a Graduate State Certificate permits him to teach only those subjects that are listed on such certificate, and that only those subjects will be placed on his certificate in which he has specialized in his college course. This will ordinarily mean that a subject must have been pursued at least two years in college before a certificate to teach that subject will be granted. Applicants for the Graduate State Certificate must apply to Supt. W. S. Cawthon, Tallahassee, for application blanks.

Graduate State Certificates may be converted into Life Certificates by "presenting satisfactory evidence of having taught successfully for a period of twenty-four months under a Graduate State Certificate, and presenting endorsement of three holders of Life State, Life Graduate State, or Life Professional Certificates."

Requirements for Other Teachers' Certificates.—The following are the subjects in which applicants for Third Grade Certificates will be examined: Orthography, reading, arithmetic, English Grammar, composition, geography, United States history, including the Constitution of the United States, physiology and theory and practice of teaching.

Applicants for Second Grade Certificates will be examined in the subjects prescribed for the Third Grade Certificate, and in Agriculture, Civil Government, and Algebra to Quadratics. "Applicants for Second Grade Certificates who submit unexpired Third Grade Certificates as parts of their examinations may be exempt from tests on Orthography, reading and physiology."

In addition to the subjects prescribed for the Second Grade Certificate, applicants for First Grade Certificates must be examined in Algebra, quadratics and beyond, Biology, Psychology, General History and Rhetoric, and by submitting an unexpired Second Grade Certificate may be exempt from all subjects covered by that certificate, provided the grades attained on the Second Grade Certificate are equal to those required for the First Grade Certificate.

REGULATIONS GOVERNING THE EXTENSION OF CERTIFICATES

When credit for the extension of certificate is desired, regulations in addition to those mentioned under the heading "Maximum and Minimum Hours" must be observed.

1. Every applicant for extension must take at least a four-hour course in Education (but not in Pedagogy) or Psychology, in order to satisfy the professional requirements for extension of certificate.

2. The repetition of courses in Education or Psychology previously taken will not satisfy the professional requirement for extension.

3. Students who desire an extension of a third grade certificate may not register for orthography, arithmetic, English grammar, English composition, geography, United States history, and physiology.

4. Students who desire an extension of a second grade certificate may not register in the subjects enumerated in the preceding paragraph, or in agriculture, civics and first year algebra.

5. Students who desire extension of a first grade certificate may not register in the subjects enumerated in the preceding two paragraphs or for second year algebra, biology, elementary psychology, general history and rhetoric.

6. No applicant for extension shall take less than 15 hours per week without special permission, and at least 10 hours of this amount shall be in courses not covered by the certificate held, or by courses previously taken.

7. No student will be granted an extension of certificate who does not apply for the same on the student REGISTRATION CARD. A list of those who have applied will be posted on the Bulletin Board in Peabody Hall not later than July 1 for correction, and no student will be recommended for extension of certificate whose name does not appear on this list by August 1. Students should register under exactly the same name that appears on the certificate which they wish to have extended.

8. An extra fee of one dollar will be charged for any change of registration after Friday of the first week.

9. To be granted extension, students must be recommended for diligence and accomplishment. Usually a passing grade is required.

10. Certificates to be extended must be sent by Registered mail to W. S. Cawthon, State Superintendent of Public Instruction, at Tallahassee, Florida, immediately after the Summer Session. Those who expect to take the state examinations immediately after the Summer School, however, should retain their certificates until they have adjusted their exemptions with the county superintendent. They should then send their certificates as directed above. This must be done as soon as possible, as there is a time limit and delay may cause the student to lose the extension.

The Summer School faculty will not recommend students for extension of certificate for repeating courses which they have taken in previous summer sessions, or those who are not pursuing courses in order to raise the grade of certificate already held. At the end of the term the faculty will recommend for extension those that meet the above conditions.

GENERAL DIRECTIONS FOR REGISTRATION

Please stop, look, listen, and observe the following directions! It will be a great time-saver to you and your instructors if you will read and understand these directions before you come to register.

1. Get your registration right the first time. Remember the proverb, "Haste makes waste." More than 500 students every year find it necessary to re-register. Don't hurry. Be accurate. Make up your mind to take not less than one nor more than three hours in registering.

2. Study the registration blanks.

3. Fill out the REGISTRATION CARDS II and III in complete detail DOWN TO the word "COURSES." Answer every question if possible.

4. Study the Bulletin and the daily program until you know or at least think you know, what subjects you desire to study. See that there are no conflicts in your class hours.

5. Consult freely with members of the faculty about your schedule.

6. Students who are taking courses that require observation in the Demonstration School should reserve some time for this purpose between 8:30 and 11:30 A. M.

7. After you have decided which subjects you expect to take, list them on REGISTRATION CARD No. I under the words "TRIAL COURSES."

8. Do not register for more than 9 semester hours college credit.

9. Have this trial study list approved by the Dean of the college in which you are registering—Teachers, Arts and Science, Commerce and Journalism, Agriculture, etc.

10. You are now ready to fill out the INSTRUCTOR'S COURSE CARDS. Make out one of these cards for each subject you are taking. For instance, if you are taking three subjects, you will need three Course Cards, four subjects, four cards, etc.

11. Secure the signature on your REGISTRATION CARD of each of your instructors and leave with him the INSTRUCTOR'S COURSE CARD made out for the subject which he teaches.

12. Be sure you have your registration as you want it. Do not change courses unnecessarily.

13. When your trial courses are approved by the Dean and ALL your instructors, fill in the bottoms of cards II and III and card IV EXACTLY in same order and spaces as on card I.

14. An extra fee of one dollar will be charged for any change in registration after Friday of the first week. Drop-

ping a course, adding a course, or exchanging one course for another, each constitutes a change.

15. Graduate students register with the Chairman of the Graduate Committee in Language Hall.

WHEN AND WHERE TO REGISTER.—Students who live in or near Gainesville should register on Friday or Saturday, June 7th and 8th, in the Dean's office in Peabody Hall. Those who can reach Gainesville on the morning trains on Monday, June 10th, should register on that day to relieve the congestion on Tuesday, June 11th. All others should register on Tuesday, June 11th. No effort will be made to meet trains or to transfer trunks on Sunday. In fact, students are urged not to arrive on Sunday, as the dormitory rooms will not be open until Monday.

June....., 1929.

UNIVERSITY OF FLORIDA SUMMER SCHOOL

REGISTRATION CARD

This card for Male Students only

Mr. _____

Last name | First name | Middle Name

Home Address: P. O. | County | State

Your Age? | Are You Married? | What college degree do you hold? | Do you intend to teach?

Total number of months already taught | What Certificate do you hold? | Do you desire extension of Certificate?

In case of illness or accident, whom shall we notify?

Address of this person | Is this person your parent or guardian?

Where should telegrams be delivered, i. e. Your rooming address while in Gainesville. | In which College are you registered?

What church do you care to attend? | (See back of this card for further instructions.))

COURSES

	Subject	Course No.	Sec.	Time	Class Room	Instructor	Grade		Subject	Course No.	Sec.	Time	Class Room	Instructor	Grade
1								5							
2								6							
3								7							
4								8							

INSTRUCTOR'S COURSE CARD

This card for Male Students only

Surname First Name Middle Name

NAME OF STUDENT .....

June....., 1929.

SUBJECT	Course No.	Sec.	Hr. of Rec'n	CLASSROOM	INSTRUCTOR

Students fill in only above and to right of heavy line

	1	2	3	4	5	6	7	8
Monday								
Tuesday								
Wednesday								
Thursday								
Friday								
Saturday								

Do you desire Extension of Certificate? .....

In which College are you registered? .....

.....

Final Gr..... Days Present.....

....Instructor

Note: The registration cards for women are exactly the same as those for men except in color.

COURSES OF INSTRUCTION

The following abbreviations used in connection with the courses, indicate the buildings in which the courses are held, and the numbers after such abbreviations indicate rooms in which they are held, for instance P. 112 means Peabody 112.

A—Agricultural Building; S—Science; P—Peabody; E—Engineering; L—Language; G—Gymnasium; C—Chemistry; H—Horticulture.

AGRICULTURE

ELEMENTARY AGRICULTURE.—A general course in agriculture.—This will introduce the student to the study of soils, plants, common diseases of plants, insects, farm crops, domestic animals and the like. Methods of teaching agriculture in rural schools will be stressed. Review. Extension credit only. M. Th. 10:00 A. 106 (13). Mr. Ritchey.

AGRONOMY 301.—Soils.—The nature and properties of the soil as related to fertility and crop production. (Prerequisite Chemistry 101-102.) 5 semester hours credit. Daily 11:00; Lab. M. W. 1:00-5.00. A. 106 (13). Mr. Ritchey.

ANIMAL HUSBANDRY 305. — Animal Nutrition. — Feeds, feeding and management of farm live stock. (Prerequisites Animal Husbandry 101, 201.) 2 semester hours credit. M. T. Th. F. 9:00. A. 103 (17). Mr. Martin.

DAIRYING 305.—Advanced Dairy Farming.—Testing milk products, butter, ice cream, and cheese making; selection, feeding and management of a dairy herd; herd and advanced registry testing. 3 semester hours credit. M. W. Th. S. 10:00; Lab. T. Th. 1:00-3:00. A. 103 (17). Mr. Martin.

HORTICULTURE 305.—Citrus Culture.—The citrus grove; site and soil selection; preparation, planting and management; selection of varieties and stocks, and the use of cover crops. (Prerequisite Horticulture 202.) 3 semester hours credit. M. W. Th. F. 8:00. Lab. T. 1:00-5:00. A. 205. Mr. Lord.

HORTICULTURE 308.—Deciduous Fruits. — Peaches, pears, grapes, pecans, and other deciduous fruits with special reference to Florida conditions, culture, varieties, insects, diseases,

etc. (Prerequisites: Horticulture 101, 102.) 3 semester hours credit. M. W. Th. F. 9:00. Lab. Th. 1:00-5:00. A. 205. Mr. Lord.

POULTRY HUSBANDRY 202.—Farm Poultry.—Poultry as a modest sideline on the farm. Breeds and varieties; location and construction of buildings, feeding and management; incubation, breeding, rearing, care of adult birds on the farm. 1½ semester hours credit. M. W. 12:00. Lab. F. 1:00-3:00. H. 205. Mr. Sanborn.

POULTRY HUSBANDRY 302. — Commercial Poultry Keeping.—Incubation, breeding, rearing, spring and summer work, culling, farm grown feeds and pastures, marketing. 3 semester hours credit. M. W. Th. S. 10:00. Lab. T. Th. 1:00-3:00. H. 205. Mr. Sanborn.

BIOLOGY

GENERAL BIOLOGY.—General introduction to the structure and classification with special reference to the flowering plants, the insects and vertebrates. Designed to prepare for state examinations. Three recitations and three laboratory periods per week. No credit but arrangements may be made for a college entrance examination. M. W. Th. 10:00. S. 111. Laboratory M. T. F. 3:00-5:00. Mr. Sherman.

BIOLOGY 101.—Principles of Animal Biology.—An introduction to the subject matter and principles of zoology. 5 semester hours credit. Daily 8:00 S. 101. Laboratory to be arranged. Mr. Rogers.

BIOLOGY 104.—Comparative Vertebrate Anatomy. — A comparative study of the structure of the main classes of vertebrates. 5 semester hours credit. Daily 9:00 S. 111. Laboratory to be arranged. Mr. Sherman.

BIOLOGY 106.—Genetics and Evolution.—An introduction to the study of variation, selection, and inheritance in animals. 3 semester hours credit. Daily 11:00. S. 101. Mr. Rogers.

BUSINESS ADMINISTRATION

(See Economics)

CHEMISTRY

CHEMISTRY 101-102.—General Chemistry.—A course designed for those who wish to prepare for science teaching in the high school. This course can be taken by those who have never taken chemistry, or by those who have had a course before and wish to review it. There will be two courses in General Chemistry, one embracing non-metals and one embracing metals. The former is a prerequisite to the latter.

CHEMISTRY 101.—First Semester. A study of the non-metals. 5 semester hours credit. Daily 9:00. C. 212. Lab. M. T. Th. F. 2:00-4:00. Mr. Beisler.

CHEMISTRY 102.—Second Semester. A study of the metals. 5 semester hours credit. Daily 11:00. C. 110. Lab. M. T. Th. F. 2:00-4:00. Mr. Jackson.

CHEMISTRY 201.—Qualitative Analysis.—Lectures and laboratory course in this subject offered to those who have had general chemistry. 3 semester hours credit. T. Th. 2:00. C. 110. Lab. M. T. Th. F. 2:00-5:00. Mr. Jackson.

CHEMISTRY 251.—Organic Chemistry.—This course is designed to present the fundamentals of chemistry of the compounds of carbon. The work in the classroom is presented by means of lectures, quizzes, and oral and written recitations. 5 semester hours credit. Daily 11:00. C. 212. Laboratory 2:00-6:00. Days to be arranged. Mr. Beisler.

CHEMISTRY 301. — Volumetric Analysis. — A laboratory course offered to those who have had qualitative analysis. 3 semester hours credit. Laboratory 2:00-5:00, days to be arranged. 12 hours per week. Mr. Jackson.

CHEMISTRY 302.—Gravimetric Analysis.—A laboratory course offered to those who have had qualitative analysis. 3 semester hours credit. Laboratory 2:00-5:00, days to be arranged. 12 hours per week. Mr. Jackson.

CHEMISTRY 513.—Advanced Inorganic Chemistry. The theory, practice and applications of colloid chemistry. 3 semester hours credit. 4 hours of lecture and 4 hours of laboratory per week. Hours to be arranged. Mr. Beisler.

CHEMISTRY 551. — Chemical Research. — Organic Chemistry; Inorganic Chemistry; Physical Chemistry, and Agricultural Chemistry. 5 to 10 semester hours. Hours and place to be arranged. Messrs. Beisler and Jackson.

CIVICS

CIVICS.—Designed to prepare students for the state teachers examination on the Constitution of the United States and for the examination in Civil Government in the Second Grade Certificate. Special attention will be given to school laws of Florida and to local, town, city, and county governments. Review. No credit except for extension of third grade certificate. Three sections:

Section 1. M. Th. 8:00. L. 307. Mr. Turner.
Section 2. W. F. 12:00. L. 307. Mr. Turner.
Section 3. M. W. 10:00. L. 307. Mr. Trottman.

ATHLETIC COACHING

COACHING 101-102.—Football.—Theory and Practice.—The course will include the theories of fundamentals, their development and relation to team play, with special emphasis laid upon drills to perfect fundamentals. The several styles of offense and defense, with consideration of their special strength and weakness; generalship and strategy; training, conditioning and player's equipment will be discussed. Special emphasis will be given to forward-pass attack and its defense. The practical work will include punting, placekicking, drop-kicking, kick-off and forward passing; tackling dummy and charging sled; special drill for linemen, ends and backs; interference and team work; fundamental plays, break plays, and signal systems. Textbook, "Coaching," by Rockne. 4 semester hours credit. M. T. W. Th. F. 8:00. Laboratory M. W. F. 4:00-6:00. Basketball Court. Mr. Bachman.

NOTE: Students in this course are required to furnish their own uniforms or they may rent them from the Athletic Department. A charge of $5.00 will be made for such equipment. When this is returned $3.00 of this amount will be refunded.

COACHING 111-112 (formerly 104).—Basketball (men).—The fundamentals of the game; passing, receiving, pivots,

shooting; the defense, of the individual, of the team, the five man defense showing the different types employed and emphasizing the most successful. The offense, as applied to the individual, team offense, different types employed, special attention given to the types of offense to break through a five man defense. Practices to employ in developing a strong offense. Textbook, "My Basketball Bible," by Forrest C. Allen. 4 semester hours credit. M. T. W. Th. F. 9:00. Laboratory M. W. F. 2:00-4:00. Basketball Court. Mr. Higgins.

NOTE: Students in this course may furnish their own equipment or rent it from the Athletic Department for $3.00. When it is returned, $2.00 of this amount will be refunded.

COACHING 113-114 (formerly 105).—Basketball (women).—The fundamentals of the game; passing, receiving, the pivots, shooting; the defense, of the individual guards; centres; team work on defense. The offense, individual play, offense on team work, guards, centres and forwards. Practices employed to develop a strong offense. Given as an aid to coaches of girls' teams. 1 semester hour credit. M. W. Th. S. 10:00. Basketball court. Mr. Higgins.

COACHING 121 (formerly 103).—Track and Field.—The theory of starting, finishing, sprinting, distance-running, hurdling, high and broad jumping, pole vaulting, shot putting, discus and javelin throwing. Demonstrations will be given in connection with lectures. Textbooks, "Spalding Athletic Library, Buff Series, 500B, 501B, 502B, 503B, 504B, 505B, 506B." Price 50c each. 2 semester hours credit. T. Th. 4:00-6:00. Basketball Court. Mr. Higgins.

COACHING 131 (formerly 102).—Baseball.—The fundamentals of the game as applied to the individual; the defensive game, the battery; the basemen; the outfielders; the defensive team as a unit with emphasis upon the finer points of "inside" defense; the offensive game; the batsman, the runner, the base coaches; types of offense to be used in particular stages of the game; the team coach and his duties to his team. Textbook, "The Science of Baseball," by Byrd Douglas. 2 semester hours credit. T. Th. 2:00-4:00. Basketball Court. Mr. Bachman.

NOTE: Students in this course are required to furnish their own uniforms or they may rent them from the Athletic

Department. A charge of $5.00 will be made for such equipment. When this is returned $3.00 of this amount will be refunded.

DRAWING, CONSTRUCTIVE WORK AND INDUSTRIAL ART

DRAWING 101.—Grades I-III, inclusive. Application of Art to everyday studies; construction work and design; paper cutting, illustration; free-hand drawing; nature study in colors. 1 semester hour credit. Two sections:

Section 1. M. W. Th. S. 10:00. P. 302. Miss Ballard.
Section 2. M. T. Th. F. 3:00. P. 302. Miss Ballard.

DRAWING 102.—Grades IV-VII, inclusive. Design and applied design; line and shade; theory of color and study of water colors; nature study and still life in color; notebooks kept up to date each week. 1 semester hour credit. M. T. Th. F. 2:00. P. 302. Miss Ballard.

DRAWING 201.—A course in craft and design embodying a thorough course in color and design applied to articles constructed of wood, tin, etc.; dying, block-printing and other forms of craft work suitable for junior and senior high schools. 1 semester hour credit. M. T. Th. F. 9:00. P. 302. Miss Ballard.

ECONOMICS AND BUSINESS ADMINISTRATION

ECONOMICS 101 (BUSINESS ADMINISTRATION 101E).—Economic History of England.—A survey of economic history; the evolution of capitalistic economy in England; the origin and development of the wage system; the Industrial Revolution; the growth of British trade; the relation of economic development to political policy; the effect of England's Industrial progress on the United States. 3 semester hours credit. Daily 8:00. L. 204. Mr. Myers.

ECONOMICS 102 (BUSINESS ADMINISTRATION 102E). — Economic History of the United States.—The industrial development of America; the exploitation of natural resources; the history of manufacturing, of banking, of trade, of transportation, etc.; the evolution of industrial centers; the historical factors contributing to the industrial growth of the United States. 3 semester hours credit. Daily 9:00. L. 202. Mr. Matherly.

ECONOMICS 103 (BUSINESS ADMINISTRATION 103E).—Economic Geography.—This course deals with the adjustments to natural environment which man makes in his effort to secure a living. The subject-matter consists of climate, soils, products of land and sea, natural divisions of the world, trade routes, and commercial centers. 3 semester hours credit. Daily 8:00. L. 202. Mr. Matherly.

ECONOMICS 201 (BUSINESS ADMINISTRATION 201E). — Principles of Economics.—The purpose of this course is to give the student a general understanding of present day economic organization. A brief analysis is made of production, distribution and consumption. Chief consideration is given to the functions of economic institutions. 3 semester hours credit. Daily 9:00. L. 204. Mr. Myers.

ECONOMICS 202 (BUSINESS ADMINISTRATION 202E). — Principles of Economics.—This is a continuation of Economics 201. Attention is devoted chiefly to the principles governing value and market price. With the permission of the instructor, students may take this course along with Economics 201. 3 semester hours credit. Daily 11:00. L. 202. Mr. Matherly.

ECONOMICS 302 (BUSINESS ADMINISTRATION 302E).—Elements of Statistics.—An introduction to statistics; brief consideration of statistical theory; collection, classification, presentation of economic data; construction of graphs and charts; study of index numbers; problems of statistical research. Each student is required to complete one or more projects in statistical investigation. 3 semester hours credit. Daily 11:00. L. 201. Mr. Myers.

BUSINESS ADMINISTRATION 81.—Office Management.—Office organization; office functions; duties of office manager; the modern secretary in relation to office operation. Proficiency in the use of the typewriter will be required. Typing room with typewriters will be provided for the use of students. (Laboratory fee to be arranged.) 1 lecture and 4 laboratory hours. 1 semester hour credit. L. 201.

BUSINESS ADMINISTRATION 82.—Office Management.—Office appliances; handling correspondence; office records;

methods of filing. The student will be required to attain proficiency in shorthand. (Laboratory fee to be arranged.) 1 lecture and 4 laboratory hours. 1 semester hour credit. L. 201.

BUSINESS ADMINISTRATION 211-212.—Principles of Accounting.—Lectures, problems, and laboratory practice. An introductory study of the underlying principles of double entry records; basic types of records and reports; accounting procedure and technique; the outstanding features of partnerships and corporations; the form and content of the balance sheet and the statement of profit and loss. This course will meet two hours a day. Business Administration 211 will be completed the first four weeks and Business Administration 212 the second four. Laboratory fee $1.00 per semester hour. 6 semester hours credit. Daily 8:00 to 10:00. L. 201. Mr. Ward.

EDUCATION

Any 4 or 6 hour course in Education or Psychology will meet the professional requirement for the extension of certificates. Students in Education courses should bring with them professional books and textbooks related to the courses they plan to take.

EDUCATION 101.—Students who have not taken any course in Education should begin with this one. The purpose of the course is to give an introduction to the study of classroom teaching. What makes a good teacher, the improvement of personality, how to study, the art of questioning, reflective thinking, elimination of waste in classroom management, the importance of education, such questions as these will be covered by the course. 3 semester hours credit. Eight sections:

Section 1. Daily 8:00. L. 5. Mr. Altstetter.
Section 2. Daily 9:00. H. 207. Mr. Ackley.
Section 3. Daily 11:00. P. 4. Mrs. Altstetter.
Section 4. Daily 12:00. H. 215. Mrs. Branning.
Section 5. Daily 8:00. H. 215. Mrs. Branning.
Section 6. Daily 9:00. H. 215. Mrs. Branning.
Section 7. Daily 11:00. P. 101. Mr. Tolbert.
Section 8. Designed for those who expect to teach in the lower grades and are preparing to take the State teachers' examinations. Daily 12:00. P. 206. Mr. Mears.

EDUCATION 102.—History and Principles of Education.—A study of the historical background of education, and of the fundamental principles which should guide educational procedure and give appreciation of educational conditions of today. 3 semester hours credit. Daily 12:00. L. 209. Mr. .....

EDUCATION 103.—Health Education. — Conditions and forces that affect the physical and mental vigor of children, youth and teachers, and relate the school to the health of the home and community; the teacher's health; sanitation of school buildings; hygienic equipment; common diseases and physical defects; mental hygiene; play and recreation; community hygiene; teaching of health education in elementary and high schools; the Florida health program. 3 semester hours credit. Three sections:

Section 1. For teachers in primary and middle elementary grades. Daily 9:00. A. 303. Miss Shaw.

Section 2. Same as Section 1. Daily 11:00. A. 303. Miss Shaw.

Section 3. For principals and teachers not included in Sections 1 and 2. Daily 12:00. A. 303. Miss Shaw.

EDUCATION 121.—Primary Methods.—Arithmetic, Language, Writing and Spelling in the first three grades. Prerequisites or parallel courses: Education 101, Education 207, or any methods course. 3 semester hours credit. Three sections:

Section 1. For teachers of the First Grade. Daily 9:00. H. 205. Mrs. Lord.

Section 2. For teachers of the first three grades. Daily 11:00. H. 205. Mrs. Lord.

Section 3. The same as Section 2. Daily 8:00. H. 205. Mrs. Lord.

EDUCATION 122. — The Teaching of Reading and Literature in the First Six Grades.—The basic importance of reading in the elementary school, reading as a tool study, the various methods of teaching reading, etc., will constitute the course. Methods of teaching phonics, appreciation, memorization and dramatization will be presented. Observation of demonstration lessons and criticisms will be required. Pre-

requisite or parallel courses: Education 101 or Education 207. 3 semester hours credit. Three sections:

Section 1. This section will be confined largely to the teaching of the mechanics of reading as a tool study. Daily 9:00. P. 4. Mrs. Robison.

Section 2. The same as Section 1. Daily 11:00. H. 207. Mrs. Robison.

Section 3. This section is designed for those teachers who will teach in the middle elementary grades. Daily 12:00. H. 207. Mrs. Robison.

EDUCATION 123. — Hand-work for Elementary Grades.— The purpose of this course is to develop the real function of handwork in the elementary grades. The various types of hand work will be discussed, paper cutting, free hand drawing, clay modeling, etc. A constructive project for each grade will be developed during the course. This course counts as a four-hour course toward the extension of certificates. 2 semester hours credit. Three sections:

Section 1. Designed for teachers of the primary and early elementary grades. M. T. W. Th. F. 2:00. A. 206. Miss Norton.

Section 2. The same as Section 1. M. T. W. Th. F. 11:00. A. 206. Miss Norton.

Section 3. Designed for teachers of the upper elementary grades. M. T. W. Th. F. 3:00. A. 206. Miss Norton.

EDUCATION 201.—The Social Studies in the Elementary School.—A course in methods of teaching geography, history and civics from the standpoint of human relationships. This includes lesson planning and criticism and observation in the Demonstration School. 3 semester hours credit. Daily 8:00. P. 4. Mrs. Altstetter.

EDUCATION 203.—Child and Adolescent Psychology.—The nature, growth and development of the child from birth to adolescence with reference to education; the original nature of the child and his education; the meaning of protracted infancy; training in recognition of types and individual differences, of common defects and how to deal with them; the cultivation of intelligent sympathy with children; the effect of

Child Study on the practices of elementary and secondary education. 3 semester hours credit. Three sections:

Section 1. Daily 11:00. P. 205. Mr. .....
Section 2. Daily 12:00. P. 112. Mr. .....
Section 3. Daily 8:00. A. 303. Mrs. Metcalfe.

EDUCATION 207.—Educational Psychology. — Psychology applied to Education, the learning process, acquisition of skill, etc. 3 semester hours credit. Three sections:

Section 1. Daily 11:00. P. 102. Mr. Wilson.
Section 2. Daily 9:00. P. 205. Mr. Tolbert.
Section 3. Daily 9:00. P. 101. Mr. .....

EDUCATION 301.—High School Curriculum.—This course is designed for the consideration of the high school curriculum. Standards for the selection and organization of the curriculum will be considered with much detail. 3 semester hours credit. Daily 11:00. P. 201. Mr. Carmichael.

EDUCATION 308.—The Elementary School Curriculum.—The curriculum as a group of related problems and projects of vital interest to children. An attempt to formulate a curriculum based on social conditions and social needs. 3 semester hours credit. Daily 11:00. L. 209. Mr. Altstetter.

EDUCATION 317.—Tests and Measurements.—An elementary course confined mainly to achievement tests. 3 semester hours credit. Daily 11:00. L. 204. Mr. Evans.

EDUCATION 361.—Teaching of Mathematics.—See Mathematics 361.

EDUCATION 401.—Public School Administration.—Stresses in a practical way problems peculiar to Florida schools; the supervising principal, relation to superintendent, boards, teachers and community; consolidation and transportation; adapting the school to the child's needs, promotions, tests, extra-curricular activities; school finance; records and reports. 3 semester hours credit. Daily 9:00. P. 201. Mr. Carmichael.

EDUCATION 403.—The Problem-Project Method.—The laws of learning, lesson-planning, thinking, questioning, the problem-project method, the socialized recitation, democracy in

the classroom as a preparation for democracy in life. 3 semester hours credit. Daily 8:00. P. 205. Mr. Norman.

EDUCATION 405.—Supervised Teaching.—This course is planned to give the student practice in conducting recitations under close supervision. A study will be made of the development of courses, and the present status of the subject taught. Lesson plans will be required for all recitations, and the manner of teaching will be subject to criticism. Teaching 4 hours a week; conferences 2 hours a week. 3 semester hours credit. Three sections:

Section 1. Designed for those who expect to teach in the primary grades. Daily 12:00. P. 2. Miss Peeler.

Section 2. Designed for those who expect to teach in the third and fourth grades. Daily 12:00. P. 11. Miss Woodard.

Section 3. Designed for those who expect to teach in the fifth and sixth grades. Daily 12:00. P. 10. Miss Upson.

Section 4. Designed for those who expect to teach in the high school. Daily 12:00. P. 201. Mr. Simmons.

EDUCATION 406.—The Elementary School Principal.—The problems that usually confront the elementary school principal will be stressed in this course. Daily 8:00. L. 209. Mr. Evans.

EDUCATION 408.—High School Administration.—This course is designed to study the practical management and administration of the modern high school. (Junior students may choose between Education 408 and Education 402.) 3 semester hours credit. Daily 8:00. P. 101. Mr. Hinson.

GRADUATE COURSES IN EDUCATION

EDUCATION 502.—The Elementary School Curriculum.—An intensive study of the development, and present content of the elementary school curriculum, including kindergarten; the selection and evaluation of material; the importance of the classroom teacher. This course will be especially beneficial to teachers in the teacher-training departments of the Florida high schools. 3 semester hours credit. Daily 9:00. L. 209. Mr. Altstetter.

EDUCATION 503.—Educational Tests and Measurements. Seminar.—This is an intensive study of intelligence and edu-

cational tests. A thorough and systematic study is made of all the chief tests in both fields with laboratory material for class use so as to familiarize the student with the process of actually handling tests. It is recommended that Education 517 be taken before this course. 2 semester hours credit. M. W. Th. S. 10:00. L. 209.

EDUCATION 505.—The Organization and Administration of Extra Curricular Activities in Junior and Senior High Schools.—An attempt will be made in this course to work out constructive school policies having to do with the developing of the pupil's initiative, leadership, cooperation, etc. 2 semester hours credit. M. W. Th. S. 10:00. P. 112. Mr. Carmichael.

EDUCATION 506.—Methods of Teaching Farm Shop Work. —The selection and organization of subject matter or jobs in farm shop work to be included in a course given in the high school to vocational agricultural students, and the methods to be used in the teaching of these jobs. The course is designed for those who are teaching vocational agriculture or for those preparing for this field. Education 303-304 or their equivalents are required as prerequisites to this course. 2 semester hours credit. M. T. W. Th. 11:00. P. 208. Mr. Garris.

EDUCATION 509.—Problems in the Administration of a School System.—Seminar.—Open to graduate students who are qualified by experience and training to pursue advanced study on selected problems in administration. As far as possible problems will be selected to meet individual needs. Each student selects some problem for special study and presents the results of his study in the form of a thesis. Students may work on chosen problems either singly or in small groups. 3 semester hours credit. Daily 8:00. P. 201. Mr. Fulk.

EDUCATION 511.—Methods and Materials in Vocational Agriculture.—The organization of subject matter for a long time teaching program; the analysis and teaching layout of a farm job; the selection of teaching devices; the organization for and supervision of supervised practice work; and the selection of proper classroom equipment. 2 semester hours credit. Daily 8:00. P. 208. Mr. Garris.

EDUCATION 512.—A continuation of Education 511. (Not offered in summer of 1929.)

EDUCATION 517.—The chief purpose of this course is to acquaint students with statistical methods as applied to education. The chief topics to be discussed are: advantages of statistical methods; methods of collecting educational data, and tabulations; the calculation of median, mode, mean; the mean and standard deviations; variabilities; correlations; regressions; probabilities; reliabilities; graphs and the like. A knowledge of the above topics will enable one to read educational literature more intelligently. It is recommended that this course be taken before Education 503. 2 semester hours credit. M. W. Th. S. 10:00. H. 207. Mr. Ackley.

EDUCATION 519.—The purpose of this course is to give a comprehensive view of the basic principles in curriculum construction; compare the curricula of various secondary schools; terminologists; tendencies in curriculum making; constants; electives, and the like. This course should enable both principals and teachers to understand better the objectives of secondary education. 3 semester hours credit. Daily 12:00. P. 101. Mr. Hinson.

EDUCATION 527.—Research in Education.—Seminar and Individual Conferences.—A course designed primarily to give individual guidance to graduate students majoring in Education, selection and definition of problems suitable for master's theses; collection, analysis and organization of data; the mechanics of thesis construction. Every student majoring in Education should enroll in this course. Open to all other graduate students. No college credit.

Sections (Students choose one):
Seminar (for all) M. W. 10:00. P. 201.
Section 1. T. Th. 9:00. P. 203.
Section 2. M. W. 2:00. P. 201.
Section 3. T. Th. 2:00. P. 201. Mr. Fulk.

EDUCATION 528.—A graduate course in the Supervision of Instruction. Designed for principals, supervisors and teachers. 3 semester hours credit. Daily 8:00. H. 207. Mr. Ackley.

EDUCATION 563.—Vocational Education.—The meaning, principles and development of vocational education. Special stress will be given to agricultural education, home economics

education, trade and industrial education, and commercial education as provided for by the National Vocational Education Act of Congress. 2 semester hours credit. M. T. W. F. 9:00. P. 208. Mr. Garris.

ENGLISH

ENGLISH GRAMMAR.—This course is designed for those who are preparing for the examinations for third and second grade certificates. Texts: Kingsley, Mason and Rogers, "A Brief Review of English Grammar with Supplementary Exercises;" Sharp's "English Exercises Book V." Review. No extension credit. Two sections:

Section 1. M. W. Th. 10:00. E. 203. Miss England.
Section 2. T. Th. F. 12:00. E. 203. Miss England.

COMPOSITION.—This course is designed for those who are preparing for the teachers examinations for third and second grade certificates. The work is so arranged that there will be no duplication of the material covered in the Grammar course. Texts: Lewis and Hosic's "Practical English for High School," Sharp's "English Exercises, Book V." Review. No extension credit. Two sections:

Section 1. M. T. Th. 3:00. P. 112. Miss Graham.
Section 2. M. T. Th. 8:00. E. 203. Miss England.

RHETORIC.—Designed to prepare teachers for the examination for first grade certificate. No one enrolling for this course should take Composition. A rapid review of narration, description, exposition, argument, drama and other literary forms; poetry, diction, punctuation and figures of speech will be given. Texts: Brooks' "English Book II (Revised)?" Sharp's "English Exercises, Book V." Review. Extension credit for second and third grade certificates. No high school credit, but arrangements may be made to take entrance examinations. Three sections:

Section 1. T. W. Th. F. 11:00. E. 203. Miss England.
Section 2. T. W. Th. F. 9:00. E. 203. Miss England.
Section 3. M. W. Th. S. 10:00. L. 5. Miss Crozier.

AMERICAN LITERATURE.—The study of American Literature as outlined in Metcalf's "American Literature." No

credit, but arrangements may be made for a college entrance examination. M. T. W. Th. 11:00. L. 5. Mr. Hait.

ENGLISH LITERATURE.—The history of English Literature as outlined in Metcalf's "English Literature" will be given. No credit, but arrangements may be made for a college entrance examination. M. T. Th. F. 2:00. L. 209. Mr. Thompson.

SPELLING.—A thorough review of prefixes, suffixes, abbreviations, syllabication, diacritical marks, and rules of spelling will be given. In every class period there will be spelling exercises and drills in the meaning and use of synonyms, antonyms, and homonyms. There will be a study of how to make the spelling period most interesting and helpful. At the close of the summer school a spelling tournament, open to all ambitious spellers, will be held. A copy of Webster's "Blue-Back Speller," suitably autographed and inscribed, will be given to the winner of the tournament. Hours to be arranged. Mr. Little.

COLLEGE ENGLISH

ENGLISH 101.—Rhetoric and Composition.—Designed to train students in methods of clear and forceful expression. Instruction is carried on simultaneously in formal rhetoric, in rhetorical analysis, and in theme writing, the constant correlation of the three as methods of approach to the desired goal being kept in view. In addition, a reading course is assigned each student. Textbook, Genung's "Working Principles of Rhetoric," first half. 3 semester hours credit. Four sections:

Section 1. Daily 8:00. L. 203. Mr. Mounts.
Section 2. Daily 9:00. L. 211. Mr. Wise.
Section 3. Daily 11:00. L. 211. Mr. Wise.
Section 4. Daily 12:00. L. 203. Mr. Mounts.

ENGLISH 102.—A continuation of English 101. The second half of the rhetoric, "Invention," will be completed. 3 semester hours credit. Two sections:

Section 1. Daily 11:00. L. 203. Mr. Mounts.
Section 2. Daily 12:00. L. 211. Mr. Wise.

ENGLISH 103.—Introduction to Literature.—A survey of the literature of the Western world from the beginnings to

the Renaissance. 2 semester hours credit. Daily 12:00. S. 111. Mr. Jarrell.

ENGLISH 201.—History of Literature.—An outline course in the historical development of the English literature and language. Selections from important prose writers and poets; lectures on the history of the language and literature; a manual for reference; frequent reports from the individual students; constant use of the University library. 3 semester hours credit. Daily 11:00. S. 111. Mr. Jarrell.

ENGLISH 206.—Historical Grammar.—A course based on Lounsbury's English Language designed to give the student some knowledge of the historical development of the English language, with a view especially of giving insight into modern English grammar. 3 semester hours credit. Daily 9:00. L. 210. Mr. Farr.

ENGLISH 301.—Shakespeare.—The life and earlier work, including the history plays, romantic comedies and non-dramatic poetry. Three plays will be read in class. Written reviews on plays read outside the class will alternate with essays from the students and lectures by the instructor. This course is open to those who have had English 201-202 or equivalent work in English literature. 3 semester hours credit. Daily 11:00. L. 210. Mr. Farr.

ENGLISH 408.—Contemporary Poetry.—The influence of Whitman; contemporary English and American poets. 3 semester hours credit. Daily 11:00. L. 212. Mr. Robertson.

ENGLISH 409. — Chaucer. — Extensive reading in the "Canterbury Tales," "Troilus," and minor works. 3 semester hours credit. Daily 8:00. L. 212. Mr. Robertson.

ENGLISH 501. — Anglo-Saxon. — Anglo-Saxon grammar, reading of Alfredian prose, "Beowolf," and other Anglo-Saxon literature. 3 semester hours credit. Daily 8:00. L. 210. Mr. Farr and Mr. Robertson.

FINE ARTS

In addition to the University registration fee, in the following courses there is a fee of $4.00 for each semester hour credit.

Students may take the following courses without college credit in which case the University registration fee is not required.

ARCHITECTURE

Special arrangement can be made for students desiring to take Architectural Design. Architecture 101 is the beginning course in Architectural Design and consists of small problems in plan and elevation employing only wall, roof, beam and pier as structural elements, with mouldings and simple belt courses as decorative elements. Make arrangements for this course with the Director of the School of Architecture. Mr. Weaver.

PAINTING

ART 121.—Freehand Drawing.—An introduction to perspective with outdoor sketching in pencil. Occupies the first third. The remaining two-thirds is given to charcoal drawing from casts and from still life groups. Teachers taking this course are given, in addition to the above, the methods of teaching Freehand Drawing. 2 semester hours credit. M. T. W. Th. 8:00-10:00. P. 301. Mr. Long.

ART 226.—Water Color Painting.—Color theory and various methods of applying water color. Still life painting. Landscape painting from nature. Methods of teaching water color will be given to teachers taking this course. 2 semester hours credit. M. W. 1:00-5:00. P. 301. Mr. Long.

ART M-211.—Oil Painting.—Theory of pigment color. Still life studies in full color. A major part of this course will be given over to landscape painting from nature. This course will allow for individual development by creative and imaginative effort on the part of the student. Especially valuable for teachers who wish to strengthen their work. 2 semester hours credit. T. Th. 1:00-5:00. P. 306. Mr. Long.

COMMERCIAL ART

ART M-117.—Advertising Design.—Designing of original advertisements and a study of the methods and mediums employed in making drawings for reproduction. A major part of the work will be in pen and ink. 2 semester hours credit. M. T. W. Th. 10:00-12:00. P. 301. Mr. Long.

ART M-115.—Poster Design.—Analysis of the essentials of a good poster. Methods of handling tempera color and other mediums. Poster lettering. Practical designing of posters for all uses. Teachers will find this course valuable in that it meets the constant demand for posters in the school. A method of teaching poster design will also be covered. 2 semester hours credit. M. T. W. Th. 10:00-12:00. P. 306. Mr. Long.

FRENCH

FRENCH 21.—Elementary French, first semester of first year; grammar, pronunciation, dictation, easy conversation, oral and aural practice, reading. 3 semester hours credit. Daily 8:00. L. 207. Mr. Atkin.

FRENCH 22.—Elementary French, second semester of first year; continuation of French 21. 3 semester hours credit. Daily 11:00. L. 207. Mr. Atkin.

FRENCH 101.—Third semester French; prerequisites: French 21 and French 22. 3 semester hours credit. Daily 9:00. L. 207. Mr. Atkin.

GENERAL NATURAL SCIENCE

We are living in a scientific age and some knowledge of the principles of science and their application to everyday life has become an essential part of a well rounded education. But the field of science has become so broad and far reaching, and it has been so sub-divided, that it is almost if not altogether impossible for students majoring in other fields to take even a beginning course in all of its branches. There would seem to be need, then, for a broad, general course which would present an outline of our knowledge of the physical and biological world and show the position of man in the universe in which he lives. Such a course would not only give the student something of the fundamentals of all the sciences, but would serve the further purpose of weaving them together into a unified whole. The course outlined below is an attempt to fill this need and attain this end.

GENERAL SCIENCE 101.—The course begins with a study of the earth as an astronomical body; of the sun, moon, planets, and stars. Following this comes a study of the theories as to

the origin of the earth; its early stages; geological processes and earth history; the laws of physics with special emphasis on energy; the nature of chemical processes; the nature and origin of life; the bacteria and other micro-organisms; the plant kingdom; interaction between plants and their environment. 4 semester hours credit. Daily 8:00. C. 110. Laboratory and conference hours to be arranged. Mr. Black.

GENERAL SCIENCE 102.—A continuation of General Science 101.—The invertebrates; the vertebrates; human physiology; the dynamics of living processes; digestion, food, and nutrition; the vitamines; the nervous system and consciousness; elementary psychology. 4 semester hours credit. Daily 9:00. C. 110. Laboratory and conference hours to be arranged. Mr. Black.

GEOGRAPHY

POLITICAL GEOGRAPHY.—Special attention will be given to Florida and its relation to other states. A thoro review of the geography of the United States and the world. Instruction will be given in the use of textbooks, maps, globes, industrial products as a help and guide for the teaching of the subject. Review and extension credit only. Two sections:

Section 1. M. W. Th. 9:00. L. 5. Mrs. Blacklock.

Section 2. M. W. Th. 10:00. L. 201. Mrs. Kelly.

HISTORY

Elementary United States and Florida History. Three sections, each covering thoro review of state adopted text book. Review and extension credit only. Two sections:

Section 1. M. T. Th. F. 11:00. A. 204. Mr. Buchholz.

Section 2. M. W. Th. S. 10:00. A. 204. Mr. Buchholz.

HISTORY.—General.—This course is designed to prepare for the teachers examination for first grade. No credit, but arrangements may be made for a college entrance examination. Four sections:

Section 1. Daily 12:00. A. 104. Mr. McLane.

Section 2. Daily 11:00. A. 104. Mr. Zetrouer.

Section 3. Daily 9:00. A. 204. Mr. J. E. Williams.

Section 4. Daily 8:00. A. 204. Mr. Buchholz.

HISTORY.—American.—A detailed study of American history from the period of discovery and colonization to Jackson's administration. No credit, but arrangements may be made for a college entrance examination. M. T. W. F. 12:00. A. 205. Mr. Buchholz.

COLLEGE HISTORY

HISTORY 101.—Europe During the Middle Ages.—A general course in the history of Western Europe from the Teutonic migrations to the close of the Seven Years' War. 3 semester hours credit. Daily 8:00. A. 104. Mr. Tribolet.

HISTORY 102.—Europe During the Middle Ages.—A continuation of History 101. 3 semester hours credit. Daily 12:00. L. 202. Mr. Haseltine.

HISTORY 302.—American History Close of Revolution to 1830.—A continuation of History 301. 3 semester hours credit. Daily 9:00. L. 109. Mr. Leake.

HISTORY 304.—American History 1876 to Present.—A continuation of History 303. 3 semester hours credit. Daily 8:00. L. 109. Mr. Leake.

HISTORY 308.—Renaissance and the Reformation.—Study of the causes, development and results of these great intellectual and religious movements. A continuation of History 307. 3 semester hours credit. Daily 11:00. L. 311. Mr. Carleton.

GRADUATE SEMINAR IN HISTORY.—2 semester hours credit. Hours to be arranged. Mr. Leake.

LATIN

LATIN 101.—Selections from Ovid.—First semester of Freshman Latin. Prerequisite: Three years of High School Latin. 3 semester hours credit. Daily 9:00. L. 111. Mr. Anderson.

LATIN 305.—Virgil.—An intensive study of the works of Virgil with emphasis on the less read portions. Prerequisite: Two years of College Latin. 3 semester hours credit. Daily 11:00. L. 111. Mr. Anderson.

LAW

The following courses are offered and carry credit towards a law degree as indicated:

ADMINISTRATIVE LAW.—3 semester hours credit. Daily. Hours to be arranged. Mr. Slagle.

LAW 308.—Common Law Pleading.—3 semester hours credit. Daily. Hours to be arranged. Mr. Cockrell.

LAW 405.—Equity Pleading.—3 semester hours credit. Daily. Hours to be arranged. Mr. TeSelle.

LAW 402S.—Evidence.—3 semester hours credit. Daily. Hours to be arranged. Mr. TeSelle.

LAW 412. — Florida Civil Practice.—3 semester hours credit. Daily. Hours to be arranged. Mr. Cockrell.

SCHOOL LAW.—2 semester hours credit. Four recitations per week. Hours to be arranged. Mr. Trusler.

LAW 301S.—Torts.—4 semester hours credit. Daily (70-minute periods.) Hours to be arranged. Mr. Trusler.

TRADE REGULATIONS.—3 semester hours credit. Daily. Hours to be arranged. Mr. Slagle.

LIBRARY SCIENCE

LIBRARY SCIENCE 101.—Cataloging I.—A study of the principles and methods of the simpler forms of cataloging. Two hours supervised practice work will follow each lecture. The cards will be revised and form a sample catalog for the use of the student. Three semester hours credit. Daily 8:00. P. 1. Laboratory hours to be arranged. Miss Mercier.

LIBRARY SCIENCE 102.—Classification I.—The Dewey Decimal system is used as the basis of the instruction. The study of book numbers is included. Problems will be given with each lecture. Two semester hours credit. M. W. Th. S. 10:00. P. 1. Miss Mercier.

LIBRARY SCIENCE 103.—Library Economy.—This course includes the general routine of adding books to the library with instruction in order work, accessioning, mechanical prep-

aration and care of books and the checking of periodicals. Simple charging systems and various circulation records will be studied. Two semester hours credit. M. T. Th. F. 11:00. P. 1. Miss Timmerman.

LIBRARY SCIENCE 104.—Book Selection I.—This course includes lectures covering the general principles of book selection, with the needs of the high school library particularly in view, the examination and discussion of selected books in the various fields of literature and the writing of annotations. Problems involving the use of standard guides to book selection and reading lists will be required of each student. As a final project the class will make up a list of books for a school library. Three semester hours credit. Daily 9:00. P.1. Miss Timmerman.

MATHEMATICS

ARITHMETIC.—A thoro review of Arithmetic is made, that the student may view it from both the teacher's and child's point of view. Common and decimal fractions, denominate numbers, percentage and all other subjects covered by the textbooks adopted by the state. Principles and methods of teaching Arithmetic are thoroly covered. Review. Extension credit only. Three sections:

Section 1. M. T. W. Th. F. 12:00. S. 101. Mr. C. M. Williams.

Section 2. M. T. W. Th. F. 8:00. P. 206. Mr. Little.

Section 3. M. T. W. Th. F. 9:00. P. 206. Mr. Little.

ALGEBRA B.—Review of first year Algebra. No one admitted who does not have a rather thoro knowledge of first semester first year Algebra. Review. Extension credit only. M. T. W. Th. F. 12:00. E. 210. Mr. Stone.

ALGEBRA C.—Advanced Algebra.—Involution, Evolution, Quadratic Equations, Progressions, Ratio and Proportion. No one admitted who has not a rather thoro knowledge of first year Algebra. No credit, but arrangement may be made for college entrance examination. Four sections:

Section 1. M. T. W. Th. F. 11:00. P. 206. Mr. Little.

Section 2. M. T. W. Th. F. 9:00. E. 209. Mr. Steen.

Section 3. M. T. W. Th. F. 12:00. E. 209. Miss Jones.

Section 4. M. T. W. Th. F. 8:00. E. 209. Miss Portner.

PLANE GEOMETRY I.—Books I and II. No credit, but arrangements may be made for college entrance examination. Daily 8:00. L. 314. Miss Stewart.

PLANE GEOMETRY II.—Books III to V. Those desiring to review all of Plane Geometry should either take both Geometry I and Geometry II, or Geometry II. Prerequisite to Geometry II is Geometry I. No credit but arrangements may be made for college entrance examination. Daily 11:00. E. 208. Mr. Phipps.

COLLEGE MATHEMATICS

MATHEMATICS 83.—Solid Geometry.—3 semester hours credit. Daily 12:00. E. 208. Mr. Phipps.

MATHEMATICS 85.—Plane Trigonometry.—3 semester hours credit. Daily 9:00. P. 102. Mr. Simpson.

MATHEMATICS 101.—College Algebra.—A continuation of high school Algebra together with a study of Functions and Graphs, Inequalities, Theory of Equations, Permutations and Combinations, Probability and Determinants. 3 semester hours credit. Daily 8:00. P. 102. Mr. Simpson.

MATHEMATICS 102.—Plane Analytic Geometry.—Text, Roberts and Colpitt's "Analytic Geometry" (Second edition), John Wiley and Sons. 3 semester hours credit. Daily 9:00. E. 210. Mr. Kokomoor.

MATHEMATICS 251.—Elementary Calculus.—3 semester hours credit. Daily 8:00. E. 210. Mr. Kokomoor.

MATHEMATICS 252.—Calculus.—A continuation of course 251, by which it must be preceded. 3 semester hours credit. Daily 9:00. E. 208. Mr. Phipps.

MATHEMATICS 361.—The Teaching of Mathematics.—The teaching of mathematics with particular attention to the content of secondary school mathematics. This course may be substituted for Education 405 by teachers of mathematics. Registration for course only by permission of instructor. 3 semester hours credit. Daily 12:00. P. 102. Mr. Wilson.

MATHEMATICS 568.—History of Elementary Mathematics. —A study of the development of Arithmetic, Algebra, Geom-

etry, Trigonometry and the beginnings of Analytic Geometry and Calculus, with special emphasis upon the changes of processes of operations and methods of teaching. Valuable for teachers and prospective teachers. Open to students taking or having had Mathematics 251, or by special permission of instructor. Daily 11:00. E. 210. Mr. Kokomoor.

MATHEMATICS 575.—Fundamental Concepts of Modern Mathematics.—An introduction to such topics as the Number System of Algebra, Sets of Points, Group Theory, Theories of Integration, Postulational Systems and Non-Euclidean Geometry. Prerequisites: A course in Calculus and a certain amount of mathematical maturity to be determined by the instructor. 3 semester hours credit. Hours to be arranged. P. 102. Mr. Simpson.

MUSIC

MUSIC 101.—Note singing; sight singing; child voice; art and rhythmic songs; Dalcroze Eurythmics. Designed for Grades I-IV. 1 semester hour credit. Three sections:

Section 1. M. T. Th. F. 9:00. C. 112. Miss Porter.
Section 2. M. T. Th. F. 10:00. C. 112. Miss Porter.
Section 3. M. T. Th. F. 4:00. C. 112. Miss Porter.

MUSIC 102.—Development of sight singing; ear training; part singing; changing voice. Designed for Grades V-XII. 1 semester hour credit. M. T. Th. F. 11:00. C. 112. Miss Porter.

MUSIC 201.—Appreciation and History of Music. Designed for all grades. 1 semester hour credit. M. Th. 3:00. C. 112. Miss Porter.

MUSIC 202.—Harmony.—Beginning Harmony. 1 semester hour credit. W. F. 3:00. C. 112. Miss Porter.

MUSIC 203.—Supervised Teaching in Music. Class for those who are especially interested in teaching and supervising music in the schools. This is in cooperation with the Demonstration School. 1 semester hour credit. M. Th. 12:00. C. 112. Miss Porter.

MUSIC 301.—Glee Club. A fee of $1.00 will be charged each student registering for the Glee Club to cover cost of

music. 1 semester hour credit. M. T. Th. F. 5:00. Stage of Auditorium. Mr. Collins.

VOICE.—Private lessons in voice. Hours to be arranged with the instructor. Two scholarships in voice will be given (see p. 28). Two lessons per week unless otherwise arranged.

Course I.—Theory of Voice Building, breathing, tone placing, simple songs. 1 semester hour credit. Stage of Auditorium. Mrs. Worth.

Course II.—For advanced students. A continuation of Course I, and coaching in songs. Students registering in this course will be expected to appear in the opera at the close of the term. 1 semester hour credit. Stage of Auditorium. Mrs. Worth.

ORGAN.—Private lessons in pipe organ will be given by special arrangement. 1 semester hour credit. Auditorium. Mr. Murphree.

NATURE STUDY

A course for teachers wishing to prepare themselves better for teaching nature study. A study of the classification of plants, and the study of insects and small animals. Bird protection will be a special feature. Three recitations and three laboratory periods per week. M. W. Th. 8:00. S. 111. Laboratory M. T. W. 4:00-6:00. Mr. Boardman.

NURSING EDUCATION

ADMINISTRATION IN SCHOOLS OF NURSING.—The course includes a brief history of the origin and development of schools of nursing; organization and management of schools of nursing; budgets; catalogs; libraries; affiliation; student activities; publicity; university schools of nursing; group and hourly nursing; present day problems and tendencies, etc. 2 semester hours credit. M. W. Th. S. 10:00. A. 304. Miss Gault.

NURSING EDUCATION.—This course includes a study of such topics as, curricula in schools of nursing; the teaching of different types of nursing; the selection and use of text and reference books; preparation for special fields of nursing; grading of schools of nursing; etc. 3 semester hours credit. Daily 9:00. A. 304. Miss Gault.

PUBLIC HEALTH NURSING.—In this course the aim is two-fold: first, to make a brief survey of the field of Public Health Nursing; second, to study the problems, present status and tendencies in this field. 3 semester hours credit. Daily 11:00. A. 304. Miss Gault.

HOME NURSING.—Home Hygiene and Care of the Sick.—A standard Red Cross Training course. About 24 lectures and demonstrations given during the second four weeks of the Summer School. This course is not for nurses, but is designed for people who have had no hospital training. 1 semester hour credit. M. T. W. Th. F. 2:00. A. 304. Miss Fetting.

PHILOSOPHY AND PSYCHOLOGY

ELEMENTARY PSYCHOLOGY.—A beginner's course in psychology with applications to teaching. No credit, but arrangements may be made for a college entrance examination. Three sections:

Section 1. M. T. Th. F. 12:00. A. 204. Mrs. Metcalfe.
Section 2. M. W. Th. F. 11:00. A. 205. Mrs. Metcalfe.
Section 3. M. W. Th. S. 10:00. A. 205. Mrs. Metcalfe.

PHILOSOPHY 201.—General Psychology.—Facts and theories current in general psychological discussion: the sensations, the sense organs, and the functions of the brain; the higher mental functions—attention, perception, memory, feeling, emotion, volition, the self, and like topics. This course satisfies the professional requirement for the extension of certificates. 3 semester hours credit. Three sections:

Section 1. Daily 8:00. P. 112. Mr. Osborne Williams.
Section 2. Daily 11:00. P. 112. Mr. Osborne Williams.

PHILOSOPHY 301.—Ethics.—Principles of Ethics: Study of such topics as goodness, happiness, virtue, duty, freedom, civilization, and progress. 3 semester hours credit. Daily 11:00. P. 114. Mr. Enwall.

PHILOSOPHY 304. — History of Modern Philosophy.—A continuation of Philosophy 303. Special attention will be given to the works of Descartes, Spinoza, Leibnitz, Kant, Hume, etc. 3 semester hours credit. Daily 12:00. P. 114. Mr. Enwall.

PHILOSOPHY 312.—Psychology of Abnormal Children.—This course deals with psychopathic, retarded, and mentally defective children; causes, types, characteristics and treatment. 3 semester hours credit. Daily 9:00. P. 112. Mr. Williams.

PHILOSOPHY 507.—The Philosophic Conceptions of the Great English Poets.—(Prerequisite: English 103-104, 201-202.) 3 semester hours credit. Seminar. Hours to be arranged. Mr. Enwall.

PHYSICAL EDUCATION

The courses in this department are designed to meet the needs of teachers, who, even though not graduates of Physical Education, are nevertheless expected to have a practical knowledge of physical training, gymnastics, plays and games, and are expected to teach them in the public schools. All teachers preparing to qualify under the new State law regarding Physical Education will find these courses particularly to their needs. Local problems of the members of the classes will be met as far as possible. Plans will be formulated whereby unhealthy physical conditions may be eradicated from the environment of the schools and physical defects found among school children properly handled. The aim of the department is to have in every community as many trained leaders in playground and school athletic activities as possible. All students registering for courses in Physical Education will be required to furnish gymnasium suits and shoes.

PHYSICAL EDUCATION 101.—Elementary Gymnastics.—This class is for beginners and consists mainly of marching, calisthenics and simple apparatus work. Exercises applicable for schoolroom will be given in graduated scale leading up to the more advanced form of exercise. 1 semester hour credit. Two sections:

Section 1. For women. M. T. Th. F. 4:00 Gymnasium. Mr. Haskell.

Section 2. For men. M. W. Th. S. 10:00 Gymnasium. Mr. Haskell.

PHYSICAL EDUCATION 102.—Corrective Exercise.—A course to enable the teacher to recognize physical defects and to have an intelligent use in the natural and artificial methods

for correction through exercise. Action, use and relation of different organs of body and exercise to stimulate and normalize them. General laws governing the body and health. 1 semester hour credit. M. T. Th. F. 2:00 Gymnasium. Mr. Haskell.

PHYSICAL EDUCATION 103.—Plays and Games for the Early Elementary Grades.—A course giving Story Plays, Rythmic Plays, Folk Dancing, Mimetic Plays and the theory and practice of outlining exercises for the early elementary grades. 1 semester hour credit. M. T. W. Th. 11:00 Gymnasium. Mr. Haskell.

PHYSICAL EDUCATION 104.—Minor Sports.—This course will include interpretation of rules, organization, promotion, and competition in the following: playground ball, volley ball, playground games, indoor games, tennis, swimming, and mass play games. The importance of mass play in the school and playground curriculum. 1 semester hour credit. M. T. Th. F. 3:00. Gymnasium. Mr. Haskell.

PHYSICAL EDUCATION 201.—Advanced Gymnastics.—This class is especially designed for those who have had elementary gymnastics and consists mainly of conducting the elementary classes and advanced calisthenics and gymnastics. 1 semester hour credit. Two sections:

Section 1. For women. M. T. Th. F. 4:00. Gymnasium. Mr. Haskell.

Section 2. For men. M. W. Th. S. 10:00. Gymnasium. Mr. Haskell.

PHYSICAL EDUCATION 204.—Minor Sports.—This course is for those who have completed an elementary course and will consist mainly of the finer points of the games, and practical work in coaching the elementary classes. 1 semester hour credit. M. T. Th. F. 3:00. Gymnasium. Mr. Haskell.

PHYSICAL EDUCATION 231-232 (formerly Coaching 107).—Athletic Training Theory.—Theories of training, massage, treatment of sprains, bruises, etc; training room sanitation and care of equipment; bandaging and first aid. Textbook, "My Basketball Bible," by Forrest C. Allen. 2 semester hours credit. M. T. Th. F. 3:00. Basketball Court. Mr. Bachman.

PHYSICS

*HIGH SCHOOL PHYSICS.—A general course, such as is usually given in standard secondary schools—lectures, recitations, demonstrations, and a limited amount of individual laboratory work. No credit, but arrangements may be made for a college entrance examination. M. W. Th. S. 10:00. E. 303. Laboratory W. F. 2:00-4:00. E. 303. Mr. Bless.

GENERAL PHYSICS.—The courses described below fall into two groups: Physics 203-204 (a total of 10 semester hours credit) is a general course in Physics; Physics 105-106, 107-108, 209 (a total of 13 semester hours credit) are a group of courses in which the subject is taken up with greater thoroughness and detail. Those who plan to teach physics are advised to take this group. It should be noted, however, that a course in high school physics is a prerequisite for the latter.

PHYSICS 203.—Mechanics and Heat.—5 semester hours credit. Daily 11:00. E. 303. Lab. 8 hours, schedule to be arranged. Mr. Weil.

PHYSICS 204.—Sound, Light and Electricity.—5 semester hours credit. Daily 9:00. E. 303. Laboratory 8 hours, schedule to be arranged. Mr. Weil.

LONGER COURSE IN GENERAL PHYSICS.—A course designed for students prepared to do more advanced work than in Physics 203-204, and desiring to spend more time on the subject. A knowledge of high school physics, and of mathematics through trigonometry, is presupposed, and is a prerequisite for admission to the longer course. The course is given in three parts, called Physics 105-6, 107-8, 209-10.

*PHYSICS 105. — Mechanics. — 3 semester hours credit. Daily. E. 303. Mr. Weil.

*PHYSICS 106. — Heat, Sound, and Light.—3 semester hours credit. Daily. E. 209. Mr. Weil.

PHYSICS 107.—General Laboratory Physics to accompany Physics 105. 2 semester hours credit. Laboratory 8 hours, schedule to be arranged. Mr. Weil and Mr. Bless.

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*Only four of the courses starred will be given during the summer of 1929.

PHYSICS 108.—General Laboratory Physics to accompany Physics 106. 2 semester hours credit. Lab. 8 hours, schedule to be arranged. Mr. Weil and Mr. Bless.

GRADUATE COURSES IN PHYSICS.—A college course in physics is a necessary prerequisite for any of the following courses.

*PHYSICS 301.—Meteorology.—A brief general course. Textbook Milham's Meteorology. 3 semester hours credit. Hours to be arranged. Mr. Weil.

*PHYSICS 302.—Astronomy.—A brief general course in descriptive astronomy. Textbook: Fath's Elements of Astronomy. 3 semester hours credit. Hours to be arranged. Mr. Bless.

*PHYSICS 303-304.—Advanced Experimental Physics.—Experiments of more advanced type than those of Physics 203-204, 207-208, or 209, together with study of the theory of the experiments and assigned reading. The particular experiments assigned vary with the needs and interests of the individual student. 3 semester hours credit. Hours to be arranged. Mr. Weil and Mr. Bless.

*PHYSICS 306.—Electrical Measurements. — The theory and practice of methods of measurement of resistance, current, electromotive force, power and energy. Planned primarily for advanced students in physics, chemistry, and electrical engineering. Laboratory work will be adjusted to meet the needs and interests of the individual student. 3 semester hours credit. Hours to be arranged. Mr. Weil.

*PHYSICS 315.—Demonstrational Physics.—A course designed primarily for teachers of science in the high school. Problems from every day life will be selected and the laws of physics pertaining to them will be applied. Many lecture demonstrations will accompany the course, many of which can be used in the teaching of Physics in the high school to create interest in the subject. One year of college physics is presupposed and is a prerequisite for this course. 2 semester hours credit. Daily. E. 209. Hours to be arranged. Mr. Weil.

*Only four of the courses starred will be given during the summer of 1929.

*PHYSICS 317.—Modern Theories of Physics.—The aim of this course is to acquaint the student with the extraordinary advances made in physics during the last few years. X-Rays, radioactivity and the theories of atomic structure will be taken up in this course. The classroom discussions will be supplemented by demonstrations wherever possible. 3 semester hours credit. Hours to be arranged. Mr. Bless.

POLITICAL SCIENCE

POLITICAL SCIENCE 101.—American Government and Politics.—A study of the structure and functions of our national and state governments. Throughout the course present-day political problems of national and local interest will be made subjects of class discussion. 3 semester hours credit. Daily 9:00. A. 104. Mr. Tribolet.

POLITICAL SCIENCE 102.—State and Municipal Government.—An outline of the growth of American municipalities and a study of the organs and functional mechanism of modern cities of the United States and Europe. Emphasis is laid upon the newer tendencies in municipal government, including the commission form and city-manager plan. 3 semester hours credit. Daily 12:00. L. 210. Mr. Tribolet.

SOCIOLOGY AND SOCIAL ADMINISTRATION

SOCIOLOGY 111S.—General Social Science.—Designed to help students to understand themselves and to give some insight into the problems of human living together. A non-technical, genetic approach, and an extensive study of the individual and of social relations. Required of Freshmen in Teachers College who do not elect the Social Science Group. 2 semester hours credit. Two sections:

Section 1. M. T. Th. F. 8:00. L. 211. Mr. Carleton.

Section 2. M. T. Th. F. 12:00. L. 212. Mr. Carleton.

SOCIOLOGY 112S.—General Social Science.—A continuation of Sociology 111S. 2 semester hours credit. M. W. Th. S. 10:00. L. 211. Mr. Carleton.

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*Only four of the courses starred will be given during the summer of 1929.

SOCIOLOGY 231.—Community Recreation.—A course of practical training in community leadership; evaluation of indoor and outdoor recreational programs; various games and stunts; methods of organizing and promoting social entertainments for all occasions. 1 semester hour credit. M. Th. 9:00. Gymnasium. Miss Hill.

SOCIOLOGY 259.—The Visiting Teacher.—The Visiting Teacher Movement with special emphasis on the problem child. 1 semester hour credit. First two weeks of session. M. T. W. Th. F. 2:00-4:00. L. 109. Miss Taylor.

SOCIOLOGY 311.—Problems of Child Welfare.—Conservation of life; health and physique; training and education including industrial and moral; child labor; juvenile delinquency; problems of dependent children. 2 semester hours credit. M. W. Th. S. 10:00. L. 109. Mr. Bristol.

SOCIOLOGY 313.—Florida Laws Affecting Child Welfare.—A study of the laws of Florida affecting child welfare and needed changes. Classes during the second two weeks of Summer School. 1 semester hour credit. M. T. Th. F. 2:00-4:00. L. 109. Mr. Bristol.

SOCIOLOGY 441.—Principles of Sociology.—A brief study of the principles of social evolution, social organization, social control and social progress. 3 semester hours credit. Daily 9:00. L. 203. Mr. Bristol.

SOCIOLOGY 442.—Applied Sociology.—The principles of efficient living together in society developed in the preceding course will be applied to concrete problems in the interest of social progress. Special consideration will be given to increasing the span of productive life, to increasing the production and diffusion of the social income and to the diffusion of efficient socialized education. Prerequisite: Consent of instructor. 3 semester hours credit. Daily 12:00. L. 109. Mr. Bristol.

SOCIOLOGY 545.—Seminar in Methods of Social Progress.—For graduate students. To be taken in connection with Sociology 442 with occasional meetings for special reports. 3 semester hours credit. P. 106. Mr. Bristol.

SPANISH

SPANISH 21.—This is the first semester of beginners' Spanish, and will cover such matters as pronunciation, forms, elementary syntax, vocabulary, diction, and written exercises. Textbook: Marder and Tarr, "A First Spanish Grammar" (Gill and Co., Atlanta). 3 semester hours credit. Daily 11:00. P. 209. Mr. Hathaway.

SPANISH 22.—Second semester of beginners' Spanish; continues course above described, using the same grammar as Spanish 21. Adds as a reader, "Cuentos Contados" (Heath and Co., New York). Prerequisite: Spanish 21, or its equivalent. 3 semester hours credit. Daily 9:00. P. 209. Mr. Hathaway.

SPANISH 102.—This is the second semester of second year Spanish; like the first in matters covered, except that the second year requires more in the quantity and the quality of the work. Textbooks: Galland and Brenes-Meser's, "Spanish Grammar Review" (Allyn and Bacon, Atlanta). For reading and study in class Owen's edition of Baroja's "Zalocain el Aventurero" (Heath and Co., New York). Prerequisites: Spanish 21, 22 and 101, or their equivalent. 3 semester hours credit. Daily 8:00. P. 209. Mr. Hathaway.

SPEECH

SPEECH 332.—The Speaking Voice.—The aim of this course is to enable students to acquire for themselves attractive voices and to equip teachers to develop in their pupils pleasing and attractive voices. Affords much practice in speaking and in oral reading under careful, constructive criticism. 2 semester hours credit. M. W. Th. F. 12:00. P. 205. Miss Payne.

SPEECH 333.—Story-Telling.—The art of telling stories aloud to children. The principles are carefully studied and much practice is given. Constructive analysis is afforded of the performance of each student. 2 semester hours credit. M. T. Th. F. 2:00. P. 205. Miss Payne.

SPEECH 433.—The Conduct of Dramatics in the Public School.—The principles and practices of staging plays under

school conditions. One long play and several short plays are actually produced, in public performance, by the class. Elements of the technique of coaching and of staging; lighting, backgrounds; inexpensive furnishings and costumes. 2 semester hours credit. M. W. Th. S. 10:00. P. 205. Miss Payne.

LIST OF APPROVED BOARDING AND ROOMING HOUSES

Below are given some of the names and addresses of persons who will take students to board during the Summer School. Roomers are expected to provide themselves with the necessary bed clothes, towels, etc. The houses listed below have been inspected by the University authorities, and the rooms are clean, well ventilated and convenient to bath. Each house where women students are taken will be provided with a responsible woman as preceptress. In making reservation, a deposit of $5.00, advance payment on room, is usually required. When a room is engaged it is understood that it is for the entire term of eight weeks, unless there is an agreement to the contrary. In case the list below is not satisfactory for the prospective students' needs, we shall be glad to give assistance if desired.

Note: Persons listed below for both men and women are in charge of separate houses for each or they wish men and women for table board only.	No. Women in house	No. Men in house	Price of room per week				Table board Price per week
			Single	Two in room	Three in room	Room with Board	
Adkins, Mrs. C. J., 449 Roux St.		1	4.50				
Anderson, Mrs. F. M., 200 Washington St.	12			4.00			$6.00
Angle, Mrs. O. J., 139 S. Seventh St.		7	3.50	6.00			
Atkinson, Mrs. H. L., 1719 W. Court St		2		5.00			6.00
Bashaw, Mrs. P. P., 2023 W. Leon St.	10			3.00			5.00
Bell, Mrs. C. E., 324 University Terrace	2	2		6.00			
Bridges, Mrs. Allen, 1431 W. Union St.		10		5.00			
Bridges, Mrs. F. E., 1227 W. University Ave.	10		3.00	6.00			
*Bryant, Mrs. E. W., 326 Washington St.	8					7.50	
Cobb, Mrs. S. E., 1720 W. University Ave.	14	20	2.50	4.00	6.00		6.00
Cragin, Mrs. F. W., 408 Washington St.		18					
Culpepper, J. B., Theta Chi House		20				8.00	
Davis, Mrs. M. R., 344 Washington St.	6			3.50			
Fennell, Mrs. J. M., 1257 W. Union St.	16			6.00			
Gilrie, Mrs. O., 1321 W. University Ave.		12		6.00			
Golden, Mrs. L., 1846 W. Leon St.		11	2.50	5.00			6.00
Gunn, Mrs. Annie, 1411 W. Union	8			5.00			
Gunz, Mrs. W. H., 1956 Hernando St.	9		2.00	4.00			
Hardee, Mrs. E. R., 1234 W. Union St.	12			4.00	3.50		6.00
Hayes, Mrs. Clara, 232 Lafayette St.		22		5.00			6.00
Hazen, Mrs. Ruby, 224 Lafayette St.	14			5.00			
Kent, Mr. A. L., 1764 W. Court St.		2		3.00			
Lancaster, Mrs. N. M., 325 Lafayette St.		8		5.00			6.00

McKinney, Mrs. Bruce, 203 Cedar St.		2		3.50			
McQuarrie, Miss Nellie, 1052 W. Masonic St.	8		3.00	5.00			6.00
Martin, Mrs. Roe, 1962 Hernando St.		12		5.00			6.00
Mitchell, Mrs. W. K., 354 Colson St.		2		4.00			
Mixson, Mrs. C. G., 1053 W. Union St.		2		5.00			
*Mizelle, Mrs. C. F., 214 Washington St.		18		3.50			
Nelson, Mrs. C. E., 1122 W. University Ave.	8				10.00		
Nolder, Mrs. C. F., 1822 W. Leon St.	8	8	2.00	3.50			
Norton, Miss Nora, 1420 W. University Ave.		8		5.00			
*Offutt, Mrs. Mary S., 334 N. Pleasant St.	10		4.00	5.00	6.00		
*Peel, Mrs. Maud, 1804 Hernando St.		25			6.00		6.00
Perry, Mrs. W. S., 215 Roux St.		1	3.00				
Platt, Mrs. Wm., 2006 W. University Ave.	5			5.00	7.50		
Potts, Mrs. E. A., 1423 W. Court St.		5	2.50	4.50			7.50
Price, Mrs. Melvin, 958 E. University Ave.		5	2.00	4.00			
*Rabb, Mrs. E. G., 1438 W. Court St.	12			5.00			
Rabb, Mrs. Ethel, 1538 W. Court St.	10			5.00			
Race, Mrs. J. L., 1110 W. University Ave.	14			6.00			6.00
Robertson, Mrs. J., 325 College Park Ave.		8		3.50			
Rogers, Mrs. S. H., 223 N. 9th St.	12		4.00	5.00	6.00		6.00
*Sanders, Mrs. J. W., 1664 W. Court St.		12		4.00			6.00
Saunders, Mrs. O. N., 1168 W. Union St.	12			4.00			
Scott, Mrs. J. M., 1110 W. Masonic St.		1	4.00				
*Senn, Mrs. M. E., 1832 W. Court St.		24		3.00			5.00
Sheffield, Mrs. L. O., 1653 W. Mechanic	3		2.00	4.00			5.00
Stanly, R. L., 1906 W. University Ave.	25	14	4.00	4.00			6.00
Steen, Mrs. A. M., 336 Roux St.	10		4.50	5.00			
Stribling, Mrs. J. N., 1656 W. University							6.00
Tench, Mrs. J. D. L., 1245 W. University Ave.		2		6.00			
Traxler, Mrs. L. W., 129 College Park Ave.	14			4.00			
Waits, Mrs. H. W., 1254 W. Union St.	10			5.00			
Walker, Mrs. Bryan, 1306 W. Union St.	6		4.00	5.00			
Watson, Mrs. J. R., 1236 W. Masonic St.		2		5.00			
West, Mrs. E., 335 University Terrace	2			5.00			
Williams, J. D., 1857 Hernando St.		15			7.50		
Winston, Mrs. F. H., 1111 W. Masonic St.		4		6.00			
Wood, Mrs. Cora G., 1432 W. Masonic St.		8	3.50	4.50			
Woodward, Mrs. T. G., 1815 Leon St.	12		2.00	3.50	6.00		6.25
*136 N. Lafayette St.		12		4.00			

*Indicates can accommodate children.

APARTMENTS AND HOUSES FOR HOUSEKEEPING

NAME and ADDRESS	No. Rooms	Garage	Furnished	Linen	Silver	Price per Term of Eight Weeks
Angle, Mrs. O. J., 139 S. Seventh	8	Yes	Yes	No	No	$200.00
Bell, Mrs. C. E., 324 University Terrace	7	Yes	Yes	No	Yes	100.00
*Bristol, Dr. L. M., 234 Roux St. (3 apartments)	4	Yes	Yes	No	No	100.00 90.00
*Offutt, Mrs. M. S., 334 N. Pleasant St.	3	Yes	Yes	Yes	Yes	60.00
*Rabb, Mrs. E. G., 1538 W. Court St.	5	No	Yes	No	No	100.00
Thrasher, Mrs. B. E., 421 Roux St.	5	Yes	Yes	No	Yes	100.00

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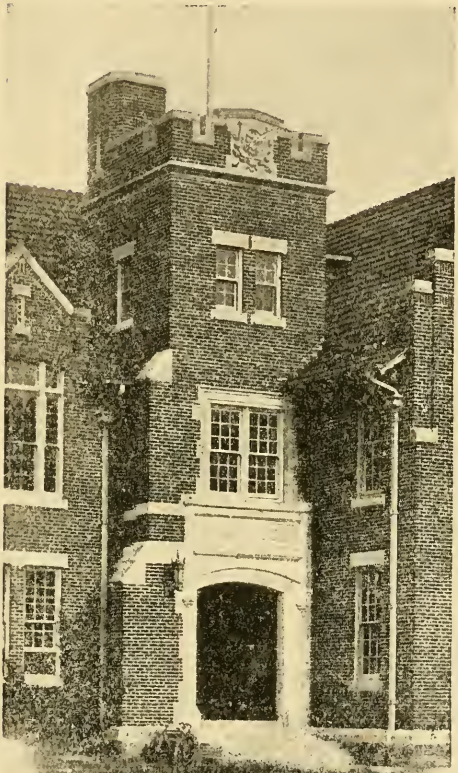
UNIVERSITY OF FLORIDA

College of Law

GAINESVILLE



TWENTY-FIRST
ANNUAL ANNOUNCEMENT
1929-30

THE UNIVERSITY CALENDAR

1929-1930

1929

June 10, *Monday*.....Summer Session begins.

June 22, *Saturday*.....Last day for filing application for degrees at the end of the Summer Session.

July 4, *Thursday*.....Independence Day.

July 8, *Monday*.....Last day to make Graduate applications.

July 17, *Wednesday*.....Last day for submitting theses to the Graduate Committee.

July 31, *Wednesday, 8:00 p. m.*.....Summer Session Commencement Convocation.

August 2, *Friday, 5:00 p. m.*.....Summer Session ends.

August 12, *Monday*.....Farmers' Week begins.

August 31, *Saturday*.....Last day for filing applications for fall re-examinations.

First Semester

September 12-14, *Thursday to Saturday*....Re-examinations and Entrance Examinations.

September 16-20, *Monday thru Friday*.....Freshman registration and Orientation, including engineering qualifying examination and other tests. (A special program of the routine of this week will be available by June 1, 1929.) All Freshmen must be present at the University Auditorium at 11:00 o'clock a. m., Monday, September 16, or they will not be registered during that week, and will be required to pay the fees for late registration.

September 19-20, *Thursday and Friday*.....Registration of Upperclassmen.

September 21, *Saturday*.....All classes will meet for the assignment of work for classes on Monday and Tuesday of the succeeding week. Late registration fee for all students.

September 30, *Monday*.....Changes in courses—fee $5.00.
Annual meeting of Extension Agents.

October 5, *Saturday*.....Meeting of the General Faculty.

October 16, *Wednesday, 8:00 a. m.*.....Registration for classes in the first semester closes. Final date for making applications for degrees at the end of the first semester.

October 19, *Saturday*.....Last day for dropping courses without grade.

October 24, *Thursday*.....All Freshman grades are due.

November 1, *Friday*.....Last day for Graduate applications.

November 11, *Monday*.....Armistice Day.

November 21, *Thursday*.....Midsemester grades are due.

November 24, *Saturday, 12:00 noon*.....Midsemester grades are delinquent.

November 28, *Thursday*.....Thanksgiving Day.
December 18, *Wednesday*.....Freshman grades are due.
December 20, *Friday, 5:00 p. m.*.....Christmas recess begins.

1930

January 6, *Monday, 8:00 a. m.*.....Christmas recess ends.
January 6, *Monday and continuing for three weeks*.....Students file registration cards for the second semester with the Registrar, following the schedule as posted on the bulletin boards.
January 18, *Saturday*.....Last date for submitting theses to Graduate Committee.
January 24, *Friday, 9 a. m.*.....Final examinations for the first semester begin.
January 31-February 1, *Friday and Saturday*.....Registration of new students for the second semester.
All semester grades are due 5:00 p. m., Saturday.
February 1, *Saturday, 8:00 p. m.*.....Commencement convocation.

SECOND SEMESTER

February 3, *Monday*.....Second semester begins.
Changes in registration due to first semester failures. Late registration fee begins.
February 4, *Tuesday*.....Second semester classes begin. Change in courses—fee $5.00.
February 8, *Saturday*.....Meeting of the General Faculty.
February 15, *Saturday*.....Registration for second semester closes.
March 1, *Saturday*.....Last date for applications for degrees at the end of the second semester.
Last date for filing Graduate applications for those entering the second semester.
March 8, *Saturday*.....Last day for dropping a course without grade.
April 3, *Thursday*.....Midsemester grades are due.
April 5, *Saturday, 12:00 noon*.....Midsemester grades are delinquent.
May 20, *Tuesday*.....Last day for submitting theses to Graduate Committee.
May 23, *Friday*.....Final examinations begin.
May 31, *Saturday*.....Meeting of the General Faculty.
June 1-3, *Sunday to Tuesday*.....Commencement exercises.
June 1, *Sunday, 11:00 a. m.*.....Baccalaureate Sermon.
June 2, *Monday*.....Annual Alumni Meeting.
Class Day Exercises.
Oratorical Contests.
June 3, *Tuesday*.....Commencement Convocation.
June 2, *Monday*.....Boys' Club Week begins.
June 16, *Monday*.....Summer Session begins.
August 8, *Friday*.....Summer Session ends.

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Frank J. Wideman.....West Palm Beach
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Assistant Professor of Law

STANLEY SIMONDS, A.B., Ph.D. (Johns Hopkins)
Lecturer on Roman Law

PRISCILLA McCALL KENNEDY
Librarian and Secretary

ILA ROUNTREE PRIDGEN
Assistant Librarian

HISTORY

Largely thru the influence of Hon. Nathan P. Bryan, then a member of the Board of Control, the College of Law was established in 1909. From this time until 1917 the course comprised the work of two years. With the session of 1917-18 the present three-year course was inaugurated.

At first the College was quartered in Thomas Hall, one of the dormitories. At the opening of the session of 1913-14 more spacious rooms were provided in Language Hall. During the following summer and fall the present structure was erected and on Thanksgiving Day, 1914, the College, with fitting ceremonies, took possession of its own home, one of the finest law school buildings in the South.

PURPOSE

It is the purpose of the College to impart a thoro, scientific, and practical knowledge of the law, and thus to equip its students to take advantage of the splendid opportunities the present readjustments in business and social life are creating. It aims to develop keen, efficient lawyers, conversant with the ideals and traditions of the profession. Its policy is characterized by the emphasis of practice as well as theory; pleading as well as historical perspective; skill in brief making as well as legal information.

EQUIPMENT

BUILDING.—This splendid structure is one hundred seventy-two feet long, seventy feet wide, and two and one-half stories high. It contains a large, well-lighted library, furnished with bookstacks, library tables, librarian's office, and consultation rooms for students and faculty. It has three commodious lecture-rooms, together with the offices of administration, and the offices of the several resident professors. It contains, also, a handsomely paneled courtroom and auditorium. The courtroom has all the usual accessories, jury box, witness stand, judge's office, and jury room, and is connected with the library below by a circular stairway. Every interest of the College has been provided for, including attractive quarters for the Marshall Debating Society. The building is steam-heated, lighted by electricity, and equipped thruout with a superior grade of furniture. It is devoted exclusively to the

uses of the College of Law and furnishes accommodations as comfortable and as convenient as can be found in the country.

LIBRARY.—The Law Library contains all the published reports of the courts of last resort of every State in the Union and of the Federal Courts, the full English Reprints, the English Law Reports, Law Journal Reports, Dominion Law Reports, the reports of the Interstate Commerce Commission and the Land Decisions of the Department of the Interior besides an excellent collection of digests, encyclopedias, series of selected cases, treatises and text books, both English and American. The Library also contains the Statutes of several of the States besides those of the Federal Government, and is a subscriber to the leading legal periodicals. A course of instruction is given in legal bibliography and the use of law books. Every facility also is offered law students to make use of the General Library, in which are included works of interest and information to the lawyer. Both libraries are open during the academic year on every secular day between the hours of 8:00 A. M. and 10:00 P. M. and are in charge of trained librarians, who will render such aid as the students may need in their use of the books.

HENDERSON MEMORIAL LIBRARY.—The College gratefully acknowledges the gift of the library of the late John W. Henderson of Tallahassee. This splendid collection of law books, containing volumes of rare value and historical importance, will be maintained intact in memory of its donor.

GYMNASIUM.—A brick and stone structure of two stories and basement, one hundred and six feet long and fifty-three wide. It is steam-heated, supplied with hot water, and well-lighted and ventilated. A gallery around the main floor provides space for spectators at gymnastic exhibitions. The basement contains lockers, shower baths and toilets. Adjacent is a swimming-pool, thirty-six feet long and twenty-four feet wide, and from four and one half to seven feet deep. Organized classes are conducted by the Professor of Physical Culture.

FLEMING FIELD.—A large and well-kept athletic field equipped for the various outdoor games and sports which in this climate are carried on the year round.

ADMISSION

REQUIREMENTS FOR ADMISSION.—Those entering as candidates for degrees must be eighteen years of age and must present, in addition to sixteen high school units, two years of college work of not less than sixty-eight semester hours acceptable for a bachelor's degree. Evidence of this work must be presented to the Registrar of the University on or before the date on which the candidate wishes to register.

The College reserves the right to reject students whose admission credits do not average C.

A high school unit represents a course of study pursued thruout the school year with five recitation periods of at least forty-five minutes per week, four courses being taken during each of the four years.

Seven of the high school units are prescribed, viz: English 3; Mathematics 2; History 1; Science 1. The remaining units may be chosen from among the subjects regularly taught in a standard high school, although not more than four will be accepted in vocational subjects—agriculture, mechanic arts, stenography, typewriting, etc.

The University will accept certificates of graduation from accredited Florida high schools. Certificates of graduation will also be accepted from Florida high schools that are members of the Southern Association of Secondary Schools, and from any secondary school elsewhere which is accredited by its State university.

The certificate must be officially signed by the principal of the school attended, and *must be presented to the Registrar on or before the date on which the candidate wishes to register*. It must state in detail the work of preparation and, in the case of Florida high schools, that the course *thru the twelfth grade* has been satisfactorily completed. Students not presenting a statement of graduation from high school will be required to take entrance examinations in all subjects presented for entrance.

Blank certificates, conveniently arranged for the desired data, will be sent to all high-school principals and, upon application, to prospective students.

No specific course of studies is prescribed for the college work required for admission; but, in general, students are advised to pursue the course offered by the College of Arts and Sciences or by the College of Commerce. Thereby it will be easier for them to complete the combined academic and law course should they so desire.

WOMEN STUDENTS.—By an Act of the Legislature of 1925, women who are twenty-one years of age and who fully meet the entrance requirements of the College may enter as candidates for degrees.

SPECIAL STUDENTS.—The practice of admitting special students (i. e., those not meeting the requirements for admission) has been discontinued.

ADVANCED STANDING.—No work in law done in other institutions will be accepted towards a degree, unless the applicant passes satisfactorily the examinations held in the subjects in question in this College, or unless credit is given without examination. Credit of an average of C from schools which are members of the Association of American Law Schools, of which this College is a member, will be accepted without examination. In no case will credit be given for work not done in residence at an approved law school.

EXPENSES

The yearly expenses of a law student who is a permanent legal resident, exclusive of incidentals, may be summarized as follows:

Tuition	$40.00
Registration Fee and Contingent Fee	7.50
Student Activity Fee	23.60
Infirmary Fee	9.00
Locker Service Fee	1.50
Board and Lodging (in advance)	200.00
Books (about)	65.00
	346.60

An additional fee of five dollars ($5.00) is required of students who do not complete their registration on the dates set by the Council.

Registration is not complete until all University bills are paid. Those who fail to meet this obligation are not regarded as members of the University.

Students who are assigned to student service will be required to pay their fees at the beginning of the semester in cash; and at the end of the semester, or at such time as the service to which they are assigned is completed, the University will pay them in cash for the work done.

No refund of any fees except unused portions of laboratory fees, will be made after the student has attended class for three days.

Tuition is payable in advance, $20.00 each semester. Students taking less than eleven hours of work are charged a proportionate part of the full tuition.

Non-resident students will pay an additional tuition fee of $100.00 for the year, $50.00 per semester in advance. The burden of proof as to residence is with the student. Any student who registers improperly under the above rule will be required to pay the non-resident tuition and also a penalty of $10.00.

A diploma fee of five dollars ($5.00), is charged all candidates for degrees.

Students are urged to provide themselves with the Statutes of their state and a law dictionary. These books will form a nucleus for a future library, and by the purchase of second-hand books the cost may be materially reduced.

The charge for board and lodging and janitor service is one hundred dollars ($100.00) per semester in the old dormitories and one hundred-sixteen ($116.00) in the new, payable at the beginning of each semester.

For more detailed statements reference is made to the University catalog, pp. 43-45.

Board and lodging in private homes may be secured at the rate of thirty-five to forty-five dollars ($35.-$45.00) per month. For copy of lists and advance information, address the General Secretary, Y.M.C.A., University of Florida.

The dormitories are inadequate. Freshmen are given preference in reservations. Students wishing to stay in them are urged to reserve their rooms at the earliest possible date. Application should be made to Mr. K. H. Graham, Business Manager.

A room reservation fee of $10.00 is charged for dormitory space, and is payable in advance. This fee is retained as a deposit until the student gives up his room, when refund, less any charges for damages incurred during his residence there, is made.

UNIVERSITY PRIVILEGES

ELECTIVES IN OTHER COLLEGES.—The advantages of the other colleges of the University are open to such students in the College of Law as desire and are able to accept them. Courses in History, Economics, Sociology, Psychology, Logic, English, and Speech are particularly recommended. No extra charge is made for such courses, but they can be taken only with the consent of the Dean.

MILITARY SCIENCE AND TACTICS.—The University has an Infantry Unit, Senior Division of the Reserve Officers' Training Corps, to membership in which law students are eligible. They are not required, however, to join this organization or to take any other military drill.

MARSHALL DEBATING SOCIETY.—Early in the first year of the College the students organized a society that would secure to its members practice in debating and public speaking and experience in arguing legal questions, as well as drill in parliamentary law. The society was fittingly named "The Marshall Debating Society", in honor of the distinguished Southern jurist, John Marshall.

PRIZES

Thru the generosity of The American Law Book Company a Corpus Juris-Cyc prize is offered, under certain conditions, for the best work in legal research. Excellency in this work also will be considered in computing the grade of students taking Brief Making.

The Harrison Company of Atlanta kindly offers a set of the Photographic Reprint of the Florida Supreme Court Reports, vols. 1-22, to the senior doing all his work in this institution and making the highest record during his law course.

DEGREES

BACHELOR OF LAWS.—The degree of Bachelor of Laws (LL.B.) is conferred upon those students who satisfactorily

complete eighty-five semester hours of law which must include all of the first year subjects. Students admitted to advanced standing may receive the degree after one year's residence, but in no case will the degree be granted unless the candidate is in actual residence during all of the third year and passes in this College at least twenty-eight semester hours of law.

JURIS DOCTOR.—Students who have complied with all the requirements for the degree of Bachelor of Laws (LL.B.), who have maintained an average standing in their law studies of 10% above the passing mark, and who have obtained the degree of A.B., or an equivalent degree, from an approved college or university, or who secure such degree the same year they complete their law course, will be awarded the degree of Juris Doctor (J.D.). After 1929-30 the average standing must be B.

COMBINED ACADEMIC AND LAW COURSE.—By pursuing an approved course of collegiate and law studies a student may earn both the academic and the legal degree in six years. Candidates for either the A.B. or the B.S. degree may elect twelve year-hours of work from the first year of the course of the College of Law and count the same as credits toward the aforesaid degrees. Such degrees will not be conferred, however, until after the completion of the second year of the law work. See University Catalog, pp. 63, 122.

ADMISSION TO THE BAR

Upon presenting their diplomas, duly issued by the proper authorities, and upon furnishing satisfactory evidence that they are twenty-one years of age and of good moral character, the graduates of the College are licensed, without examination, to practice in the courts of Florida. They also are admitted without examination to the United States District Court for the Northern District of Florida.

GRADES

Grades are recorded by use of the letters A (95-100), B (86-94), C (77-85), D (70-76), E (below 60). D is the lowest passing grade. E is failure.

Other special grades are I (Incomplete); X (missed examination with excuse by instructor).

The grade of I must be removed within two months or it will be recorded E.

In addition to passing the required courses, students must average C in all courses used for meeting the requirements of a degree. In computing an average, each semester hour with A gives three points, each hour of B, two points, each hour of C, one point. Other grades give no points.

EXAMINATIONS

Searching examinations are held at the end of each semester.

No fee is charged those taking an examination at the regular semester examination period. To take an examination at any other regularly scheduled time, the student must secure a card from the Registrar and pay a fee of $2.00 for each subject, the maximum charge of any period for such examinations being fixed at $5.00.

A fee of $5.00 is charged for each examination given at a time other than the regularly scheduled examination.

Re-examinations have been abolished.

FAILURE IN STUDIES

A final grade, based upon the examination and the monthly grades, is assigned for each semester's work. If this grade falls below D, the student is considered to have failed and may proceed only with the permission of his Dean.

A student who fails fifty per cent or more of his work for the mid-semester or for the semester, or for the Summer School, will be dropped from the University by the Registrar and will be re-instated at the discretion of his Dean, if he makes application for such reinstatement not later than forty-eight hours (exclusive of Saturday afternoons, Sundays, and holidays) after the notice has been mailed to his University address by the Registrar.

A student who fails fifty per cent or more of his work twice is automatically dropped from the University. These two failures need not be consecutive.

A student dropped for failure in studies at the mid-semester may re-register for the following semester, or for the Summer School; a student dropped at the close of the first semester may re-register for the Summer School or for the following fall semester.

A student who has been dropped twice for failure in studies may never again register in any college at the University of Florida, except by permission of the University Council. Every portion of this rule is applicable to special students, to students registered in more than one college at one time, and to students who transfer from one college to another.

STUDENT RULES AND REGULATIONS

No attempt is made in this announcement to give a synopsis of the student rules and regulations of the University. These recently have been compiled and revised, many important changes being made. It is expected that they will be printed and ready for distribution by the beginning of the session of 1929-30, and students are urged to familiarize themselves therewith.

PLEADING AND PRACTICE

COURSES.—Differing from some other law schools, this College is convinced that an intensive knowledge of pleading and practice should be secured by the student, since legal rights cannot be well understood without a mastery of the rules of pleading whereby they are enforced. As Lord Coke declared: "Good pleading is the touchstone of the true sense and knowledge of the common law." The development of right has depended upon the development of actions; the rule of law was the rule of writs and in large measure remains so today. Consequently the College offers thoro courses in Criminal Pleading and Procedure, Common Law Pleading, Equity Pleading, Florida Civil Practice, General Practice, and Federal Procedure. Thus the student on graduation is enabled to enter understandingly upon the practice of law; and to this fact the College attributes much of the rapid advancement of its Alumni.

As young men from all parts of the country in increasing numbers are attending the University, combining the ad-

vantages of travel, new associations, and salubrious climate with those of the superior educational facilities here afforded, the College endeavors to serve those who intend to practice elsewhere as efficiently as those who expect to locate in this State.

THE PRACTICE COURT.—Believing the students obtain in the Practice Court a better practical knowledge of pleading and practice than can be acquired in any other way, aside from the trial of actual cases, the Faculty lay special emphasis upon this work. Sessions of the Practice Court are held thruout the year in an admirably equipped courtroom. A clerk and a sheriff are appointed from the Junior class, and regular records of the court are kept. Each student is required to participate in the trial of at least one common law, one equity, and one criminal case, and is instructed in appellate procedure.

The Practice Court is conducted by Professor Te Selle, assisted by Professors Cockrell and Day.

SUMMER SESSIONS

Starting in 1927, instruction has been offered during the summer. The sessions are eight weeks in length, the requirements and standards of the regular session are maintained, and credit towards a degree is given for the work offered.

The courses are varied from year to year and have attracted many students. Particulars for next summer may be obtained a month or so before the close of the regular session.

CURRICULUM

FIRST YEAR

FIRST SEMESTER

301. TORTS.—History and definitions; elements of torts; conflicting rights; mental anguish; parties to tort actions; remedies; damages; conflict of laws; methods of discharge; comprehensive study of particular torts; false imprisonment, malicious prosecution, abuse of process, conspiracy, slander and libel, trespass, conversion, deceit, nuisance, negligence, and others. Textbooks: Burdick on Torts and Burdick's Cases on Torts, fourth edition. *(5 hours. Professor Trusler; Assistant, Professor Day.)*

303. CONTRACTS.—Formation of contract; offer and acceptance; form and consideration; reality of consent; legality of object; operation of contract; limits of the contract obligation; assignment of contract. Textbooks: Clark on Contracts, third edition; Throckmorton's Cases on Contract, fourth edition. *(Two sections. 3 hours. Professor Thompson.)*

305. CRIMINAL LAW.—Sources of criminal law; nature and elements of crime; criminal intent; insanity; intoxication; duress; mistake of fact or law; justification; parties in crime; offenses against the person, habitation, property, public health and morals, public justice and authority, government, and the law of nations. Textbook: Clark on Criminal Law, third edition; selected cases. *(Two sections. 2 hours. Professor Cockrell.)*

307. CRIMINAL PROCEDURE.—Jurisdiction; arrest; preliminary examination and bail; grand jury, indictment and information and their sufficiency in form and substance; arraignment, pleas, and motions; *nolle prosequi* and motions to quash; jeopardy; presence of defendant at the trial; verdict; new trial; arrest of judgment; judgment, sentence, and execution. Textbook: Clark's Criminal Procedure, second edition; selected cases. *(Two sections. 2 hours. Professor Cockrell.)*

309. PROPERTY.—Personal property; possession and rights based thereon; acquisition of title; liens and pledges; conver-

sion. Textbook: Warren's Cases on Property. *(Two sections. 2 hours. Professor Crandall.)*

SECOND SEMESTER

302. EQUITY JURISPRUDENCE.—History and definition; jurisdiction; maxims; accident, mistake, fraud; penalties and forfeitures; priorities and notice; bona fide purchasers, estoppel; election; satisfaction and performance; conversion; equitable estates, interest, primary rights; trusts; powers, duties, and liabilities of trustees; mortgages; equitable liens; assignments; specific performance; injunction; reformation; cancellation; cloud on titles; ancillary remedies. Textbook: Eaton on Equity, second edition; selected cases. *(5 hours. Professor Trusler; Assistant, Professor Day.)*

304. CONTRACTS.—Joint obligations; interpretation of contracts; rules relating to evidence and construction; discharge of contract. Textbook: Throckmorton's Cases on Contract, fourth edition. *(Two sections. 3 hours. Professor Thompson.)*

306. MARRIAGE AND DIVORCE.—Marriage in general; nature of the relation; capacity of parties; annulment; divorce; suit, jurisdiction, grounds; defenses; alimony; effect on property rights; custody and support of children; agreements of separation. Textbook: Vernier's Cases on Marriage and Divorce. *(Two sections. 1 hour. Professor Cockrell.)*

308. COMMON LAW PLEADING.—History and development of the personal actions at common law; theory of pleading and its peculiar features as developed by the jury trial; demurrers, general and special; pleas in discharge, in excuse, and by way of traverse; replication *de injuria;* duplicity; departure; new assignment; motions based on pleadings; general rules of pleadings. Textbook: Keigwin's Cases on Common Law Pleading. *(Two sections. 3 hours. Professor Crandall)*

312. PROPERTY.—Introduction to the law of conveyancing; rights incident to the ownership of land, and estates therein, including the land itself, air, water, fixtures, emblements, waste; profits; easements; licenses; covenants running with the land. Textbook: Warren's Cases on Property. *(Two sections. 2 hours. Professor Crandall.)*

SECOND YEAR

FIRST SEMESTER

401. UNITED STATES CONSTITUTIONAL LAW.—General principles; distribution of governmental powers; congress; the chief executive; the judiciary; police powers; eminent domain; checks and balances; guarantee of republican government; civil rights; political privileges; guarantee in criminal cases; impairment of contractual obligations. Textbook: Hall's Cases on Constitutional Law. *(4 hours. Professor Slagle.)*

403. AGENCY.—Nature of the relation; purposes and manner of creation; who may be principal or agent; ratification; delegation of authority; general and special agents; rights and duties of agents; termination, nature, extent, construction, and execution of authority of agents; rights, duties, and liabilities of agents; principal and third persons *inter se;* particular classes of agents. Textbook: Mechem's Cases on Agency, second edition. *(2 hours. Professor Thompson.)*

405. EQUITY PLEADING.—Nature and object of pleading in equity; parties to a suit in equity; proceedings in a suit in equity; bills in equity, disclaimer; demurrers and pleas; answer and replication; preparation of bills, demurrers, pleas, answers. Textbooks: Keigwin's Cases in Equity Pleading; Rules of the Circuit Court in Chancery in Florida; Rules of the Federal Court; Statutes of Florida. *(3 hours. Professor Te Selle.)*

407. BRIEF MAKING AND THE USE OF LAW BOOKS.—Where to find the law; how to use statutes and decisions; how to find the law; the trial brief; the brief on appeal and its preparation. Textbook: Cooley's Brief Making and the Use of Law Books. *(Two sections. 1 hour. Professor Day.)*

409. PROPERTY.—Titles and conveyancing, including acquisition of titles by possession, modes of conveyance at common law, under the statute of uses, and by statutory grant; the execution of deeds; estates created; covenants for titles; estoppel by deed; priorities among titles. Textbook: Warren's Cases on Conveyances. *(3 hours. Professor Day.)*

411. FLORIDA CONSTITUTIONAL LAW. — Declaration of rights; departments of government; suffrage and eligibility; census and apportionment; counties and cities; taxation and finance; homestead and exemption; married women's property; education; public institutions; miscellaneous provisions. Textbooks: Constitution, statutes, and judicial decisions of Florida. *(2 hours. Professor Trusler.)*

413. FLORIDA CIVIL PRACTICE.—Organization of courts; parties; joinder and consolidation of actions; issuance, service, and return of process; appearance; trial; verdict; proceedings after verdict; appellate proceedings; peculiar characteristics of the common law actions; special proceedings including certiorari, mandamus, prohibition, quo warranto, habeas corpus, attachment, garnishment, statutory liens, forcible entry and detainer, landlord and tenant. Textbook: Crandall's Florida Civil Practice. *(Section A. 3 hours. Professor Crandall.)*

417. SALES.—Sale and contract to sell; statute of frauds; illegality; conditions and warranties; delivery; acceptance and receipt; vendor's lien; stoppage *in transitu;* bills of lading; remedies of seller and buyer. Textbook: Tiffany on Sales, second edition. *(1 hour. Professor Day.)*

SECOND SEMESTER

402. EVIDENCE.—Judicial notice; kinds of evidence; burden of proof; presumptions of law and fact; judge and jury; best evidence rule; hearsay rule and its exceptions; admissions; confessions; exclusions based on public policy and privilege; corroboration; parol evidence rule; witnesses; attendance in court; examination, cross examination, privilege; public documents; records and judicial writings; private writings. Textbook: Greenleaf on Evidence, sixteenth edition, Volume 1; selected cases. *(4 hours. Professor Cockrell.)*

404. QUASI CONTRACTS.—Origin and nature of quasi contract; benefits conferred in misreliance on rights or duty, from mistake of law, and on invalid, unenforceable, illegal, or impossible contract; benefits conferred through dutiful intervention in another's affairs; benefits conferred under constraint; action for restitution as alternative remedy for

breach of contract and for tort. Textbook: Woodruff's Cases on Quasi Contracts. *(2 hours. Professor Day.)*

406. PRIVATE CORPORATIONS.—Nature; creation and citizenship; defective organization; promotors; powers and liabilities; corporations and the State; dissolution; membership; management; creditors; foreign corporations; practice in forming corporations, preparing by-laws, electing officers, and in conducting corporate business. Textbooks: Clark on Private Corporations, and Wormser's Cases on Corporations. *(4 hours. Professor Slagle.)*

408. LEGAL ETHICS.—Admission of attorneys to practice; taxation; privileges and exemptions; authority; liability to clients and to third parties; compensation; liens; suspension and disbarment; duties to clients, courts, professional brethren, and to society. Textbooks: Attorneys at Law in Ruling Case Law and the Code of Ethics adopted by the American Bar Association. *(1 hour. Professor Day.)*

410. PROPERTY.—History of the law of wills and testaments; testamentary capacity and intent; kind of wills and testaments; execution, revocation, republication, revival of wills; descent; probate of wills and the administration of estates. Textbook: Mechem and Atkinson's Cases on Wills and Administration. *(3 hours. Professor Thompson.)*

412. FLORIDA CIVIL PRACTICE.—Organization of courts; parties; joinder and consolidation of actions; issuance, service, and return of process; appearance; trial; verdict; proceedings after verdict; appellate proceedings; peculiar characteristics of the common law actions; special proceedings including certiorari, mandamus, prohibition, quo warranto, habeas corpus, attachment, garnishment, statutory liens, forcible entry and detainer, landlord and tenant. Textbook: Crandall's Florida Civil Practice. *(Section B. 3 hours. Professor Cockrell.)*

416. INSURANCE.—Theory, history, significance; insurable interest; concealment, representations, warranties; subrogation; waiver and estoppel; assignees, beneficiaries; creditors; fire, life, marine, accident, guarantee, liability insurance. Textbooks: Humble's Law of Insurance and Humble's Cases on Insurance. *(1 hour. Professor Te Selle.)*

THIRD YEAR

FIRST SEMESTER

503. PUBLIC SERVICE CORPORATIONS.—Nature of public utilities; railroads and other common carriers of goods and passengers; telegraphs and telephones; light and water companies; inns; warehouses; elevators; stockyards; methods of incorporation; public control; rights and obligations at common law and under federal and state statutes. Textbook: Wyman's Cases on Public Service Companies, third edition. *(2 hours. Professor Slagle.)*

505. FEDERAL PROCEDURE.—System of courts created under the authority of the United States, jurisdiction of the several courts and procedure therein; removal of cases from state courts; substantive law applied by federal courts; appellate jurisdiction. Textbook: Rose on Federal Jurisdiction and Procedure, third students' edition. *(2 hours. Professor Slagle.)*

509. PARTNERSHIP.—Creation, nature, characteristics of a partnership; nature of a partner's interest; nature, extent, duration of the partnership liability; powers of partners; rights, duties, remedies of partners *inter se;* rights and remedies of creditors; termination of partnership. Textbook: Gilmore's Cases on Partnership. *(2 hours. Professor Thompson.)*

513. PROPERTY.—Conditional estates; licenses and waivers; reversions and remainders; rule in Shelley's Case; future uses; future interests; executory devises and bequests; vesting of legacies; cross limitations; gifts; failure of issue; determination of classes; powers; rule against perpetuities; restraints on alienation. Textbook: Kale's Cases on Future Interests. *(3 hours. Professor Crandall.)*

515. MORTGAGES.—Nature; elements; incidents of the relation; discharge; assignment; redemption; foreclosure; injunction and account; extent of the lien; priority between mortgage liens and competing claims; equity of redemption. Textbook: Durfee's Cases on Mortgages. *(2 hours. Professor Cockrell.)*

517. ROMAN LAW.—The fundamental legal conceptions which are found in Roman Law. Readings in the Institutes of Gaius and Justinian (Robinson's Selections), with constant reference to Sohm—Institutes of Roman Law—translated by Ledley. Topics assigned for reports. Lectures with chief stress on Private Law. *(3 hours. Professor Simonds.)*

519. TRIAL PRACTICE AND PRACTICE COURT.*—Jurisdiction; process; the jury; instructions. Preparation of pleadings and trial of cases. Textbook: McBaine's Cases on Trial Practice. *(3 hours. Professor Te Selle.)*

521. TRUSTS.—The Anglo-American system of uses and trusts; creation, transfer, extinguishment of trust interests; priorities between competing equities; construction of trust dispositions; charitable trusts. Textbook: Bogert on Trusts; selected cases. *(2 hours. Professor Day.)*

SECOND SEMESTER

502. DAMAGES.—General principles; nominal; compensatory; exemplary; liquidated; direct and consequential; proximate and remote; general and special; measure in contract and tort actions; entire damages in one action; mental suffering; avoidable consequences; value; interest; lateral support; counsel fees and expenses of litigation; injuries to real property and limited interests; death by wrongful act; breaches of warranty. Textbook: Rogers' Law of Damages; selected cases. *(2 hours. Professor Trusler.)*

504. MUNICIPAL CORPORATIONS.—Creation of cities and towns; powers of a municipality, including public powers, power of taxation, power over streets and alleys, etc.; obligations and liabilities of municipal corporations; powers and liabilities of officers. Textbook: Elliott on Municipal Corporations, second edition. *(1 hour. Professor Crandall.)*

506. NEGOTIABLE INSTRUMENTS.—Law merchant; definitions and general doctrines; contract of the maker, acceptor, certifier, drawer, indorser, vendor, accommodater, assurer;

*In special cases permission may be given to take either Trial Practice or Practice Court.

proceedings before and after dishonor of negotiable instruments; absolute defenses; equities; payments; conflict of laws. Textbook: Britton's Cases on Bills and Notes. *(3 hours. Professor Day.)*

508. CONFLICT OF LAWS.—Jurisdiction; sources of law and comity; territorial jurisdiction; jurisdiction *in rem* and *in personam;* remedies, rights of action, procedure; creation of rights; property rights; personal rights; inheritance; obligations *ex delicto* and *ex contractu;* recognition and enforcement of rights; personal relations; property; inheritance; administration of estates; judgments and obligations. Textbook: Lorenzen's Cases on Conflict of Laws, second edition. *(3 hours. Professor Slagle.)*

510. ABSTRACTS.—Practical problems covering the interpretation of maps and the plotting of lots described by metes and bounds; the formal requisites of the different conveyances in use in Florida; deeds executed by public and judicial officers; liens and contracts for the sale of lands. Textbooks: Thompson's Examination of Titles; Florida Statutes and selected Florida cases. *(1 hour. Professor Thompson.)*

516. ROMAN LAW.*—Readings, references, and reports. Subjects treated: Roman Public Law; Roman International Law; Stoic Philosophy and the Jus Gentium; Christianity and the Roman Law; Roman Law in Mediaeval Europe; The Revival of Roman Law; The Roman Element in Modern Jurisprudence. *(3 hours. Professor Simonds.)*

518. TRIAL PRACTICE AND PRACTICE COURT.—Trials; verdicts; judgments; new trials; bills of exceptions. Preparation of pleadings and trial of cases. Textbook: McBaine's Cases on Trial Practice. *(3 hours. Professor Te Selle.)*

520. BANKRUPTCY.—Federal and state bankruptcy legislation; who may become bankrupt; prerequisites to adjudication; receivers; trustees; provable claims; exemptions; composition; discharge; appeals. Textbook: Brittons' Cases on Bankruptcy. *(2 hours. Professor Te Selle.)*

*Only three semester hours of Roman Law will be counted toward a degree.

522. ADMIRALTY.—Jurisdiction; contracts, torts, crimes; maritime liens, ex contractu, ex delicto, priorities, discharge; bottomry and respondentia obligations; salvage; general average. Textbook: Hughes on Admiralty. *(2 hours. Professor Slagle.)*

Those who desire further information concerning the College of Law may address letters of inquiry to Harry R. Trusler, Dean of the College of Law, Gainesville, Florida.

REGISTER

DEGREES CONFERRED
May 28, 1929

Juris Doctor

Brown, Algernon Dana ..... St. Petersburg, Fla.
Denison, Edward O. ..... Fort Pierce, Fla.
Harris, William Curry ..... Key West, Fla.
Inman, Rudolph Joe ..... Lake City, Fla.
Kendall, Michael M. ..... Winter Haven, Fla.
Roberts, Nathan J. ..... Daytona Beach, Fla.
Stanly, Richard Lee ..... Ft. Lauderdale, Fla.
Thacker, Omer Stephen ..... Kissimmee, Fla.

Bachelor of Laws

Aikin, Horace Dean ..... St. Petersburg, Fla.
Airth, George Edward ..... Live Oak, Fla.
Anderson, Jr., Charles B. ..... Tampa, Fla.
Atwater, Jr., James M. ..... Burlington, N. C.
Bancroft, Winthrop ..... Jacksonville, Fla.
Baynard, Henry Swinton ..... St. Petersburg, Fla.
Bennett, Stanley LeRoy ..... Prospect Plains, N. J.
Bishop, Howard Wayne ..... Gainesville, Fla.
Black, Arthur Keith ..... Lakeland, Fla.
Bouvier, Jr., John Andre ..... Gainesville, Fla.
Bradford, A. Lee ..... Miami, Fla.
Bryan, Allan ..... Jacksonville, Fla.
Buie, Jr., George Archibald ..... Lake City, Fla.
Burr, Raymond Orlando ..... Tallahassee, Fla.
Casebier, Herbert Nicholas ..... Kathleen, Fla.
Cannon, Frank Thomson ..... Falmouth, Fla.
Cleveland, Jr., Wilburn A. ..... Jacksonville, Fla.
Davis, William Mahon ..... St. Petersburg, Fla.
Edelstein, Marcus ..... Gainesville, Fla.
English, Bernard Henry ..... Lake City, Fla.
Enwall, Hayford Octavius ..... Gainesville, Fla.
Fisher, Augustus Alston ..... Pensacola, Fla.
Frank, David ..... Miami, Fla.
Frazier, Jr., Joseph Wheeler ..... Tampa, Fla.
Garner, Jr., James Franklin ..... Fort Myers, Fla.
Gillis, Alva Knox ..... Ponce de Leon, Fla.
Graham, George Boyington ..... Tampa, Fla.
Graham, John Louis ..... DeLand, Fla.
Gramling, William Sanders ..... Miami, Fla.
Granger, Stanley ..... Miami, Fla.
Hendry, Jr., H. Asbury ..... Tampa, Fla.
Hill, William Logan ..... Washington, D. C.
Holsberry, John Edwin ..... Pensacola, Fla.
Hughes, Robert Lawrence ..... Bartow, Fla.
Judge, William William ..... Daytona Beach, Fla.
Kustoff, Michael ..... Lake Wales, Fla.
Lanier, David ..... Madison, Fla.
Lewis, Jr., Edward Clay ..... Marianna, Fla.
Linebaugh, Charles David ..... Tampa, Fla.
Long, Latimer Ashlay ..... Polk City, Fla.
McClain, Will Kelly ..... Lebanon, Tenn.
Messer, Jr., James ..... Tallahassee, Fla.

Rifkin, Lewis Burney ..... Miami, Fla.
Ripley, Wayne Eugene ..... South Jacksonville, Fla.
Schwartz, Joseph ..... Miami, Fla.
Sears, Jr., William Joseph ..... Jacksonville, Fla.
Silverman, Sam ..... Miami Beach, Fla.
Smith, Allen Lowd ..... New Smyrna, Fla.
Swink, William Marion ..... Woodruff, S. C.
Thrower, Frank Briggs ..... Quincy, Fla.
Traxler, Leon William ..... Alachua, Fla.
Turner, Jr., Glover Manuel ..... South Jacksonville, Fla.
Vanderipe, Jr., John Fisk ..... Bradenton, Fla.
Williams, Nat Lawrence ..... Miami, Fla.

THIRD YEAR CLASS

Abernathy, Jr., James Greenwood ..... Ft. Lauderdale, Fla.
Aikin, Horace Dean ..... St. Petersburg, Fla.
Airth, George Edward ..... Live Oak, Fla.
Anderson, Jr., Charles B. ..... Tampa, Fla.
Atwater, Jr., James M. ..... Burrington, N. C.
Bancroft, Winthrop ..... Jacksonville, Fla.
Baynard, Henry Swinton ..... St. Petersburg, Fla.
Bennett, Stanley LeRoy ..... Prospect Plains, N. J.
Bishop, Howard Wayne ..... Gainesville, Fla.
Black, Arthur Keith ..... Lakeland, Fla.
Boozer, Elwin Claud ..... West Palm Beach, Fla.
Bouvier, Jr., John Andre ..... Gainesville, Fla.
Bradford, A. Lee ..... Miami, Fla.
Brown, Algernon Dana ..... St. Petersburg, Fla.
Bryan, Allan ..... Jacksonville, Fla.
Buie, Jr., George Archibald ..... Lake City, Fla.
Burr, Raymond Orlando ..... Tallahassee, Fla.
Casebier, Herbert Nicholas ..... Kathleen, Fla.
Cannon, Frank Thomson ..... Falmouth, Fla.
Chambliss, James Walter ..... Tampa, Fla.
Cleare, Jr., Allan Bruce ..... Key West, Fla.
Cleveland, Jr., Wilburn A. ..... Jacksonville, Fla.
Davis, William Mahlon ..... St. Petersburg, Fla.
Dehoff, Philip Donald ..... Jacksonville, Fla.
Denison, Edward O. ..... Fort Pierce, Fla.
Edelstein, Marcus ..... Gainesville, Fla.
English, Bernard Henry ..... Lake City, Fla.
Enwall, Hayford Octavius ..... Gainesville, Fla.
Fisher, Augustus Alston ..... Pensacola, Fla.
Frank, David ..... Miami, Fla.
Frazier, Jr., Joseph Wheeler ..... Tampa, Fla.
Garner, Jr., James Franklin ..... Fort Myers, Fla.
Gillis, Alva Knox ..... Ponce de Leon, Fla.
Graham, George Boyington ..... Tampa, Fla.
Graham, John Louis ..... DeLand, Fla.
Gramling, William Sanders ..... Miami, Fla.
Granger, Stanley ..... Miami, Fla.
Guyton, Charles Moses ..... Marianna, Fla.
Hall, Malcolm Jackson ..... Tampa, Fla.
Harris, William Curry ..... Key West, Fla.
Hawley, Jr., Clifford Daniel ..... Lakeland, Fla.
Hendry, Jr., H. Asbury ..... Tampa, Fla.
Hill, William Logan ..... Washington, D. C.
Holsberry, John Edwin ..... Pensacola, Fla.
Hughes, Robert Lawrence ..... Bartow, Fla.
Inman, Rudolph Joe ..... Lake City, Fla.
Jordan, William Douglas ..... New Smyrna, Fla.

Judge, William William ..... Daytona Beach, Fla.
Kendall, Michael M. ..... Winter Haven, Fla.
Kolbe, Henry Harold ..... Waukegan, Ill.
Lanier, David ..... Madison, Fla.
Lewis, Jr., Edward Clay ..... Marianna, Fla.
Lewis, Jr., Henry Hays ..... Marianna, Fla.
Linebaugh, Charles David ..... Tampa, Fla.
Long, Latimer Ashlay ..... Polk City, Fla.
McClain, Will Kelly ..... Lebanon, Tenn.
Messer, Jr., James ..... Tallahassee, Fla.
Model, Jacob ..... Gainesville, Fla.
Pepper, Jr., William Mullen ..... Gainesville, Fla.
Pogue, Cyril E. ..... Orlando, Fla.
Ramsey, Allan Collier ..... Tampa, Fla.
Reese, John Lewis ..... Pensacola, Fla.
Richards, Benjamin Pierpont ..... Gainesville, Fla.
Richards, John Lawler ..... Tampa, Fla.
Rifkin, Louis Burney ..... Miami, Fla.
Ripley, Wayne Eugene ..... South Jacksonville, Fla.
Rivers, Thomas Judson ..... Green Cove Springs, Fla.
Roberts, Nathan J. ..... Daytona Beach, Fla.
Sarra, Ernest LaMar ..... Gainesville, Fla.
Schwartz, Joseph ..... Miami, Fla.
Sears, Jr., William Joseph ..... Jacksonville, Fla.
Silverman, Sam ..... Miami Beach, Fla.
Smith, Allen Lowd ..... New Smyrna, Fla.
Smith, David Clair ..... Wabasso, Fla.
Stanly, George Booth ..... Ft. Lauderdale, Fla.
Stanly, Richard Lee ..... Ft. Lauderdale, Fla.
Stewart, Arthur Edward ..... Coconut Grove, Fla.
Swink, William Marion ..... Woodruff, S. C.
Thrower, Frank Briggs ..... Quincy, Fla.
Traxler, Leon William ..... Alachua, Fla.
Turner, Edward Eugene ..... Stuart, Fla.
Turner, Jr., Glover Manuel ..... South Jacksonville, Fla.
Vanderipe, Jr., John Fisk ..... Bradenton, Fla.
Vega, Jr., Celestino Camilo ..... Tampa, Fla.
Wallace, Samuel Delmar ..... Gainesville, Fla.
West, Jr., Thomas Franklin ..... Gainesville, Fla.
Williams, Nat Lawrence ..... Miami, Fla.
Wilson, Horace S. ..... Gainesville, Fla.
Wise, Jacob Hooper ..... Gainesville, Fla.

SECOND YEAR CLASS

Airth, Alfred Thomas ..... Live Oak, Fla.
Akridge, William Greenberry ..... Cocoa, Fla.
Ausley, Charles Saxon ..... Tallahassee, Fla.
Bailey, Wilfred George ..... Port Richey, Fla.
Bonsteel, Louis Spencer ..... Lake City, Fla.
Brandt, Edward Frederick ..... Gainesville, Fla.
Brooks, Roy Ray ..... Tampa, Fla.
Buck, Kenneth Victor ..... Miami, Fla.
Burch, Ernest William ..... Ocala, Fla.
Calvert, Donald Ellwood ..... Newton Hamilton, Pa.
Camp, Henry Nurney ..... Ocala, Fla.
Campbell, Byron Fred ..... Hilliard, Fla.
Carlton, Mabry A. ..... Jacksonville, Fla.
Carlton, Thad Hudson ..... Fort Pierce, Fla.
Childs, Lawrence David ..... St. Petersburg, Fla.
Coleman, Burnis Theo ..... Panama City, Fla.
Connor, Warren William ..... Pensacola, Fla.

Coogler, Monroe Alvin ..... Brooksville, Fla.
Curry, Edgar Hayden ..... Nokomis, Fla.
D'Alemberte, Daniel Willoughby ..... Pensacola, Fla.
Davis, Harold Gilbart ..... St. Petersburg, Fla.
Denham, George Leitner ..... Bartow, Fla.
Dubler, Sheldon ..... Miami, Fla.
Edwards, Carlos Leroy ..... Miami, Fla.
Evans, Lewis Alexander ..... Gainesville, Fla.
Farnsworth, Harold Charles ..... Tampa, Fla.
Featherstone, Leland Blane ..... Miami, Fla.
Felson, Edgar Martin ..... Jacksonville, Fla.
Ferguson, Chester Howell ..... Wauchula, Fla.
Fishler, H. W. ..... Fernandina, Fla.
French, John Compton ..... Tampa, Fla.
Fuller, Herbert Francis ..... New Smyrna, Fla.
Getzen, Jr., James Culbert ..... Webster, Fla.
Gravely, Jr., Louis Overton ..... Labelle, Fla.
Green, Carl Roger ..... St. Petersburg, Fla.
Green, George Marvin ..... Tampa, Fla.
Grenelle, Edwin William ..... Palm Harbor, Fla.
Griggs, Hulbert Eugene ..... Rockledge, Fla.
Hardee, James Edward ..... Madison, Fla.
Helvenston, George Rudolph ..... Jacksonville, Fla.
Herlong, Jr., Albert Sydney ..... Leesburg, Fla.
Houk, Dean Charles ..... St. Petersburg, Fla.
Johnson, Arrie Lee ..... Jay, Fla.
Johnson, Dewey Macon ..... Quincy, Fla.
Kaplan, Harry Maurice ..... Miami, Fla.
Love, Francis Edmond ..... Lake Worth, Fla.
Love, Jr., Herbert A. ..... DeFuniak Springs, Fla.
Luther, Charles William ..... Daytona Beach, Fla.
MacKenzie, Edward S. ..... Leesburg, Fla.
McNatt, John Mathews ..... Uvalda, Ga.
Marks, Paul Harold ..... Miami, Fla.
Mathis, Jr., Charles Carvel ..... Hastings, Fla.
Meeth, Jr., Louis Henry ..... New Port Richey, Fla.
Miller, Edwin Lee ..... Orlando, Fla.
Moyer, Martin Hartwell ..... Fort White, Fla.
Owenby, Jr., Carl Lester ..... Lakeland, Fla.
Phillips, William Sigmon ..... Tampa, Fla.
Platt, William Zachary ..... Arcadia, Fla.
Rawls, Vernon Charles ..... Gainesville, Fla.
Ray, William Newton ..... Pensacola, Fla.
Rothstein, Abe ..... Jacksonville, Fla.
Saloman, Morris Seymour ..... Orlando, Fla.
Scholze, Robert Ellis ..... Miami, Fla.
Simpson, Arthur Allen ..... Jacksonville, Fla.
Stone, Wilbur Charles ..... St. Petersburg, Fla.
Tedder, Warren Louis ..... Live Oak, Fla.
Thomas, Walter Lowrance ..... Palm Harbor, Fla.
Thornal, Jr., Benjamin Campbell ..... Orlando, Fla.
Towles, Alton Myers ..... Crawfordville, Fla.
Troxler, Walter Ganett ..... Ocala, Fla.
Untreiner, Royal J. ..... Pensacola, Fla.
Willes, Errol Shippen ..... Jensen, Fla.

FIRST YEAR CLASS

Alexander, Thomas ..... Tampa, Fla.
Anderson, Arthur Lochridge ..... Tampa, Fla.
Anderson, William Faris ..... Orlando, Fla.

Arnow, Carlton Columbus ..... Hawthorne, Fla.
Atkins, George Wesley ..... Blountstown, Fla.
Axtell, Reginald Randall ..... Jacksonville, Fla.
Bass, Clayton Claude ..... Live Oak, Fla.
Berryhill, Tom Oscar ..... Ft. Lauderdale, Fla.
Black, Kermit Kellogg ..... Tampa, Fla.
Bond, William Bours ..... Jacksonville, Fla.
Brannon, William Brantley ..... Lake City, Fla.
Brogdon, Wright Martin ..... Miami, Fla.
Brown, Clyde Ree ..... Graceville, Fla.
Brown, Jr., William Franklin ..... Miami, Fla.
Bruton, Jr., James De Witt ..... Plant City, Fla.
Bull, John Francis Burt ..... Gainesville, Fla.
Butler, Byron Neel ..... Chipley, Fla.
Carmichael, Parks Mason ..... Gainesville, Fla.
Carraher, John Joseph ..... St. Petersburg, Fla.
Cason, Roy Sloan ..... Delray Beach, Fla.
Chace, Thomas Stephen ..... Tampa, Fla.
Clark, Charles L. ..... Blountstown, Fla.
Cobb, Jr., William Alfred ..... West Palm Beach, Fla.
Connor, Henry ..... Inverness, Fla.
Cooperman, Leonard William ..... St. Petersburg, Fla.
Corbett, Jr., Deloren Dempsey ..... St. Augustine, Fla.
Currie, F. A. ..... West Palm Beach, Fla.
Dial, William Henry ..... Gainesville, Fla.
Dinning, William Layton ..... Tampa, Fla.
Dishong, William Word ..... Arcadia, Fla.
Donahoo, John William ..... Jacksonville, Fla.
Dongo, Joseph Harry ..... Key West, Fla.
Duckwall, William David ..... Bradenton, Fla.
Dugan, Auldon Berge ..... Gainesville, Fla.
Evers, Joel ..... Mulberry, Fla.
Feuer, Gus ..... Miami, Fla.
Fisher, Jr., William ..... Pensacola, Fla.
Ford, Raymond Edmund ..... Fort Pierce, Fla.
Frecker, William Hubert ..... Tampa, Fla.
Fuchs, Richard William ..... Homestead, Fla.
Furman, Abraham Gordon ..... Jacksonville, Fla.
Gill, Jo Dozier ..... Sarasota, Fla.
Goldstein, Kessler M. ..... La Grange, Ga.
Green, Harry ..... St. Petersburg, Fla.
Haines, Webber Bly ..... Altamonte Springs, Fla.
Hall, Jr., Charles Reade ..... Mobile, Ala.
Harrell, Maurice Ticer ..... Noblesville, Ind.
Harrison, Louis Stanley ..... Tampa, Fla.
Hawkins, Durward E. ..... Tampa, Fla.
Hiers, Jr., Bryant Dickinson ..... Gainesville, Fla.
Hirsch, Bennett Marcus ..... Jacksonville, Fla.
Horrell, Robert Paul ..... Gainesville, Fla.
Howze, Jr., Thomas Alston ..... Palmetto, Fla.
Huddleston, George Adam ..... Sanford, Fla.
Keezel, James Edward ..... Winter Park, Fla.
Kelly, Jr., Daniel Anthony ..... Fernandina, Fla.
Larson, John Edwin ..... Keystone Heights, Fla.
Lawrence, Richard Abbott ..... Melbourse, Fla.
Livingston, Howard Gordon ..... Orlando, Fla.
Loewenkopf, Jack ..... Jacksonville, Fla.
Lorraine, Charles Cabell ..... Jacksonville, Fla.
McLanahan, Clarence Rhodes ..... Bunnell, Fla.
Maddox, John Clyde ..... Wauchula, Fla.
Mahorner, Bernard Teague ..... Inverness, Fla.
Martineau, James Anthony ..... Marinette, Wis.

Massey, Hollis ..... Gainesville, Fla.
Mathis, Jr., Charles Robert ..... Panama City, Fla.
Messer, William Herbert ..... Sanford, Fla.
Miller, J. B. Hamner ..... Tampa, Fla.
Montgomery, Stephen Miles ..... Gainesville, Fla.
Munger, Forest Harrold ..... Rivera, Fla.
Neuwirth, Phillip Alvin ..... Tampa, Fla.
O'Berry, Karlyle ..... Tampa, Fla.
O'Connell, Phillip Dillon ..... Gainesville, Fla.
O'Mahoney, Jeremiah Patrick ..... Gainesville, Fla.
Parker, James Perkins ..... Jacksonville, Fla.
Pegg, John William ..... Hernando, Fla.
Phillips, Cecil Robert ..... Gainesville, Fla.
Phillips, Jr., Enoch Bothwell ..... Bartow, Fla.
Rainey, Morton Henry ..... Jacksonville, Fla.
Richardson, Hugh Bracey ..... Sarasota, Fla.
Rosenberg, Morris ..... St. Petersburg, Fla.
Safer, Moe Ben ..... Jacksonville, Fla.
Scadron, Ivis Josef ..... Tampa, Fla.
Schirard, John Rogero ..... Sanford, Fla.
Schwartz, Dan Richard ..... Jacksonville, Fla.
Shuler, Jay Alfred ..... Hosford, Fla.
Starnes, Finis Ewing ..... Fort Myers, Fla.
Stenstrom, Eric Corr ..... Wauchula, Fla.
Stokes, John Patrick ..... Miami, Fla.
Sult, William Marion ..... Lakeland, Fla.
Summers, Adolphus Eugene ..... High Springs, Fla.
Tomlinson, Laurence Wells ..... Lake Wales, Fla.
Vaccaro, Joseph Anthony ..... Tampa, Fla.
Walker, Jr., Shade Wilson ..... Tampa, Fla.
Watrous, Thomas M. ..... Tampa, Fla.
Watson, Jr., William Bedford ..... Jacksonville, Fla.
Williams, Jack Davis ..... Tampa, Fla.
Wilson, Alfred Edgar ..... Bradenton, Fla.
Winderweedle, William Elbert ..... Mayo, Fla.
Wolfe, Joseph Emmet ..... Miami, Fla.
Woodberry, Robert McTyer ..... Orlando, Fla.
Woods, James Pasco ..... Perry, Fla.
Woodward, William Edward ..... Quincy, Fla.
Yancey, Hervey Hall ..... Tampa, Fla.
Yarbrough, Lucien Bell ..... Nashville, Tenn.

SPECIAL STUDENTS

Allen, John Edward ..... Tampa, Fla.
Bryan, Johnson Hamlin ..... Jacksonville, Fla.

STUDENTS FROM OTHER COLLEGES TAKING ONE OR TWO SUBJECTS

Carleton, William Graves ..... Evansville, Ind.
DeHoff, William Joseph ..... Jacksonville, Fla.
Eshleman, Silas Kendrick ..... Gainesville, Fla.
Hudson, J. H. ..... Key West, Fla.
Josey, Metzger Elroy ..... Gainesville, Fla.
Roberts, W. H. ..... Homestead, Fla.

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